PALM Intran	et				•		1
Applicatior Number		Sub	mit				
IDS Flag CI	earance for Ap	oplication 1066	5085	· · · · · · · · · · · · · · · · · · ·			
-							
	Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer	
	M844	2003-09-17	13	Y	2006-11-14 16:01:06.0	jtorres1	
	Update						



Day: Tuesday Date: 11/14/2006 Time: 16:02:52

Continuity Information for 10/665085

Parent Data No Parent Data

Child Data

No Child Data		
Appln Info Contents Petition Info	Atty/Agent Info Continuity/F	Reexam Foreign Data Inve
Search Another: Application#	Search or Patent#	Search
PCT /	Search or PG PUBS #	Search
Attorney Docket #	Search	
Bar Code #	Search	

To go back use Back button on your browser toolbar.



Day: Tuesday Date: 11/14/2006 Time: 16:02:56

Foreign Information for 10/665085

Priority#	Date	Country	
2003-9752	02/17/2003	REPUBLIC OF KOREA	
2002-83122	12/24/2002	REPUBLIC OF KOREA	

Appln Info Contents Petition Info	Atty/Agent Info Continuit	y/Reexam Foreign Inventor
Search Another: Application#	Search or Patent#	Search
PCT /	Search or PG PUBS #	Search
Attorney Docket #	Search	
Bar Code #	Search	

To go back use Back button on your browser toolbar.



Day: Tuesday Date: 11/14/2006 Time: 16:03:00

Inventor Information for 10/665085

Inventor Name	City	State/Country				
LEE, SANG-HYUN	BUSAN-CITY	KOREA, REPUBLIC OF				
JUNG, SOO-JUNG	SACHEON-CITY	KOREA, REPUBLIC OF				
CHANG, KYUNG-HI	DAEJEON-CITY	KOREA, REPUBLIC OF				
Appln Info Contents Petition Info Atty/Agent Info Continuity/Reexam Foreign Data Search Another: Application# Search or Patent# Search						
PCT /	Search or PG I	PUBS # Search				
Attorney Docket # Search						
Bar Code # Search						

To go back use Back button on your browser toolbar.



Day: Tuesday Date: 11/14/2006 Time: 16:03:42

Inventor Name Search Result

Your Search was:

Last Name = JUNG

First Name = SOO-JUNG

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10582636	Not Issued	19		System and method for transmitting random access data using ortogonal frequency division multiple access	JUNG, SOO-JUNG
10665085	Not Issued	30		Hybrid multi-user interference cancellation method and device using clustering algorithm based on dynamic programming	JUNG, SOO-JUNG

Inventor Search Completed: No Records to Display.

Search Another: Inventor JUNG First Name
Soo-JUNG Search

To go back use Back button on your browser toolbar.



Day: Tuesday Date: 11/14/2006 Time: 16:03:52

Inventor Name Search Result

Your Search was:

Last Name = CHANG First Name = KYUNG-HI

Application# Patent# Status Date Filed Title Inventor Name							
Application#	Patent#	Status	Date Filed	Title	Inventor Name		
10184107	7126925	150	06/28/2002	APPARATUS AND METHOD FOR MULTI-PATH SEARCH USING DUAL CODE GENERATORS	CHANG, KYUNG-HI		
10334352	7093189	150	12/31/2002	METHOD AND DEVICE FOR PERFORMING SOFT DECISION DECODING ON REED-MULLER CODES USING DECISION BY MAJORITY	CHANG, KYUNG-HI		
10334354	Not Issued	30	12/31/2002	Transmitting and receiving method for reducing distortion caused by a time-varying channel in an orthogonal frequency division multiplex system	CHANG, KYUNG-HI		
10532734	Not Issued	30		Frequency hopping ofdma method using symbols of comb pattern	CHANG, KYUNG-HI		
10536593	Not Issued	30	09/28/2005	Method and apparatus for embodying and synchronizing downlink signal in mobile communication system and method for searching cell using the same	CHANG, KYUNG-HI		
<u>10539166</u>	Not Issued	25	03/03/2006	Apparatus and method for signal constitution for downlink of ofdma-based cellular system	CHANG, KYUNG-HI		
10540740	Not Issued	30	01/19/2006	Frequency hopping method in orthogonal frequency division multiplexing system	CHANG, KYUNG-HI		
10606822	Not Issued	30	06/26/2003	Digital filter for software-defined radio system, digital intermediate frequency signal processing apparatus having the digital filter, and method thereof	CHANG, KYUNG-HI		
10665085	Not Issued	30	09/17/2003	Hybrid multi-user interference cancellation method and device using clustering algorithm based on dynamic programming	CHANG, KYUNG-HI		
10696897	Not Issued	93		SIMPLIFIED MESSAGE-PASSING DECODER FOR LOW-DENSITY PARITY-CHECK CODES	CHANG, KYUNG-HI		
10723528	7123887	150	11/25/2003	ADAPTIVE TRANSMISSION AND	CHANG, KYUNG-HI		

RECEIVING METHOD AND DEVICE IN WIRELESS COMMUNICATION SYSTEM WITH MULTIPLE ANTENNAS

Inventor Search Completed: No Records to Display.

Search Another: Inventor CHANG First Name KYUNG-HI Search

To go back use Back button on your browser toolbar.



Day: Tuesday Date: 11/14/2006 Time: 16:04:06

Inventor Name Search Result

Your Search was:

Last Name = LEE

First Name = SANG-HYUN

Application#	Patent#	Status	Date Filed	Title	Inventor Name	
07806922	D346371	150	12/11/1991	DISPLAY FOR COMPUTER	LEE, SANG-HYUN	
07806923	D346588	150	12/11/1991	COMPUTER	LEE, SANG-HYUN	
07806938	D346161	150	12/11/1991	KEYBOARD FOR A COMPUTER	LEE, SANG-HYUN	
08901627	5883846	150	07/28/1997	LATCH TYPE SENSE AMPLIFIER HAVING A NEGATIVE FEEDBACK DEVICE	LEE, SANG-HYUN	
08903876	5825693	150	07/31/1997	WRITE CONTROL CIRCUIT FOR SEMICONDUCTOR MEMORY	LEE, SANG-HYUN	
08956105	5940336	150	10/24/1997	REFERENCE CLOCK GENERATING CIRCUIT IN MEMORY TO BE ASYNCHRONOUSLY PRECHARGED AND ACTIVATED	LEE, SANG-HYUN	
09299739	6473664	150	04/27/1999	MANUFACTURING PROCESS AUTOMATION SYSTEM USING A FILE SERVER AND ITS CONTROL METHOD	LEE, SANG-HYUN	
09332732	Not Issued	160	06/14/1999	POWER DEVICE AND METHOD OF MANUFACTURING THE SAME	LEE, SANG-HYUN	
09376762	6215149	150	08/17/1999	SEMICONDUCTOR DEVICE HAVING A TRENCH TYPE GATE AND A FABRICATION METHOD THEREFOR	LEE, SANG-HYUN	
09943029	Not Issued	161	08/29/2001	Data recovery using data eye tracking	LEE, SANG-HYUN	
10278991	6692112	150	1	MONOLITHIC INK-JET PRINTHEAD	LEE, SANG-HYUN	
10334352	7093189	150	12/31/2002	METHOD AND DEVICE FOR PERFORMING SOFT DECISION DECODING ON REED-MULLER CODES USING DECISION BY MAJORITY	LEE, SANG-HYUN	

10606822	Not Issued	30	06/26/2003	Digital filter for software-defined radio system, digital intermediate frequency signal processing apparatus having the digital filter, and method thereof	LEE, SANG-HYUN
10642259	Not Issued	30	08/15/2003	Data sampling method and apparatus with alternating edge sampling phase detection for loop characteristic stabilization	LEE, SANG-HYUN
10665085	Not Issued	30	09/17/2003	Hybrid multi-user interference cancellation method and device using clustering algorithm based on dynamic programming	LEE, SANG-HYUN
10688079	6838341	150	10/16/2003	METHOD FOR FABRICATING SEMICONDUCTOR DEVICE WITH SELF-ALIGNED STORAGE NODE	LEE, SANG-HYUN
10696897	Not Issued	93	10/29/2003	SIMPLIFIED MESSAGE-PASSING DECODER FOR LOW-DENSITY PARITY-CHECK CODES	LEE, SANG-HYUN
10723528	7123887	150	11/25/2003	ADAPTIVE TRANSMISSION AND RECEIVING METHOD AND DEVICE IN WIRELESS COMMUNICATION SYSTEM WITH MULTIPLE ANTENNAS	LEE, SANG-HYUN
10740573	Not Issued	41	12/22/2003	Monolithic ink-jet printhead and method for manufacturing the same	LEE, SANG-HYUN
10845393	Not Issued	61	05/12/2004	Cover replacement assembly for a mobile communication terminal	LEE, SANG-HYUN
10896169	Not Issued	20	07/22/2004	Gene encoding cysteine protease and its promoter which are expressed specifically in rice anther, a method for producing male sterile rice by suppressing expression of the gene	LEE, SANG-HYUN
10912055	Not Issued	30	08/06/2004	Laser diode driving circuit and laser diode controlling apparatus including the laser diode driving circuit	LEE, SANG-HYUN
10964122	Not Issued	30	10/12/2004	Apparatus for encoding and decoding of low-density parity-check codes, and method thereof	LEE, SANG-HYUN
11000290	Not Issued	30	11/29/2004	Apparatus and method for erasure detection and soft-decision decoding in cellular system receiver	LEE, SANG-HYUN
11021349	Not Issued	30	12/23/2004	Asymmetric MOS transistor with trench-type gate	LEE, SANG-HYUN
11022056	Not Issued	30		Recess type MOS transistor and method of manufacturing same	LEE, SANG-HYUN
11048809	Not Issued	30	02/03/2005	Method of manufacturing field emitter	LEE, SANG-HYUN
11051834	Not	161	02/04/2005	Recessed-type field effect transistor	LEE, SANG-HYUN

	Issued			with reduced body effect	
1105699 <u>5</u>	7102446	150	02/11/2005	PHASE LOCK LOOP WITH COARSE CONTROL LOOP HAVING FREQUENCY LOCK DETECTOR AND DEVICE INCLUDING SAME	LEE, SANG-HYUN
11066854	Not Issued	30	02/24/2005	Method for forming electron emission source for electron emission device and electron emission device using the same	LEE, SANG-HYUN
11073246	Not Issued	30		Transistors of semiconductor device having channel region in a channel-portion hole and methods of forming the same	LEE, SANG-HYUN
11105922	Not Issued	30		Decoding apparatus for low-density parity-check codes using sequential decoding, and method thereof	LEE, SANG-HYUN
11107846	Not Issued	61		FIELD EMISSION DISPLAY WITH STABILIZER LAYER ON CATHODE NANOTUBES (CNT,s)	LEE, SANG-HYUN
11114196	Not Issued	25	04/26/2005	Method of manufacturing nano-wire	LEE, SANG-HYUN
11139664	Not Issued	30	05/31/2005	Method of stabilizing field emitter	LEE, SANG-HYUN
11139677	Not Issued	25	05/31/2005	Flexible emitter using high molecular compound and method for fabricating the same	LEE, SANG-HYUN
11154594	Not Issued	30	. 06/17/2005	Method, medium, and device changing a play mode	LEE, SANG-HYUN
11240373	Not Issued	95	10/03/2005	HIGH-VOLTAGE ELECTRIC DOUBLE LAYER CAPACITOR	LEE, SANG-HYUN
11248184	Not Issued	30	11 1	Disk recording and reproducing apparatus	LEE, SANG-HYUN
11248204	Not Issued	30		Method for reading burst cutting area (BCA) data from optical disc and an optical disc apparatus	LEE, SANG-HYUN
11282488	Not Issued	30	11/21/2005	Branched and sulphonated multi block copolymer and electrolyte membrane using the same	LEE, SANG-HYUN
11328458	Not Issued	30	01/10/2006	Gasketed membrane-electrode- assembly and fuel cell system employing the same	LEE, SANG-HYUN
11347582	Not Issued	30		Field emission display device and method of manufacturing the same	LEE, SANG-HYUN
11429890	Not Issued	30	05/08/2006	Semiconductor device having recessed gate electrode and method of fabricating the same	LEE, SANG-HYUN

11452867	Not Issued	20		Recessed-type field effect transistor with reduced body effect	LEE, SANG-HYUN
11498355	Not Issued	25	08/02/2006	Data recovery using data eye tracking	LEE, SANG-HYUN
29122719	D442175	150	05/03/2000	CASE FOR A PERSONAL COMPUTER	LEE, SANG-HYUN
60229369	Not Issued	159	08/30/2000	Data recovery using data eye tracking	LEE, SANG-HYUN
60416017	Not Issued	159		2.5-10Gbps CMOS transceiver with alternating edge sampling phase detection for loop characteristic stabilization	LEE, SANG-HYUN
60590710	Not Issued	159		Divide-by-16.5 frequency divider with cascaded divide-by-3 and divide-by-5.5 dividers and devices including same	LEE, SANG-HYUN

Search and Display More Records.

Search Another: Inventor	Last Name	First Name	
Search Another: Inventor	LEE	SANG-HYUN	Search

To go back use Back button on your browser toolbar.



Day: Tuesday Date: 11/14/2006 Time: 16:04:09

Inventor Name Search Result

Your Search was:

Last Name = LEE

First Name = SANG-HYUN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
60622698	Not Issued	159		Method for reading BCA code without FG (frequency generator)	LEE, SANG-HYUN

Inventor Search Completed: No Records to Display.

Search Another: Inventor LEE SANG-HYUN Search

To go back use Back button on your browser toolbar.



Day: Tuesday Date: 11/14/2006 Time: 16:04:16

Correspondence Address for 10/665085

Customer Number	Contact Information	Address			
08791	Telephone: (408)720-8300 Fax: (408)720-8383 E-Mail: No E-Mail Address	BLAKELY SOKOLOFF TAYLOR & ZAFMAN 12400 WILSHIRE BOULEVARD SEVENTH FLOOR LOS ANGELES CA 90025-1030			
Appln Info Contents Petition Info Atty/Agent Info Continuity/Reexam Foreign Data					
Search Another: Application# Search or Patent# Search					
PC'.	[Search	or PG PUBS # Search			
Atto	orney Docket #	Search			
Bar	Search				

To go back use Back button on your browser toolbar.

drjatorres@gmail.com | Search History | My Account | Sign out

Google

 Web
 Images
 Video
 News
 Maps
 more »

 "parallel interference cancellation" power decre
 Search
 Advanced Search Preferences

Web Results 1 - 10 of about 55 for "parallel interference cancellation" power decreasing cluster "successive inter

[PDF] Some of the abstracts listed in the student forum reflect work ...

File Format: PDF/Adobe Acrobat

the parallel interference cancellation (PIC) detectors, the successive ... As one of the

solution, there is a power efficient method by decreasing ...

ieeexplore.ieee.org/iel5/7486/20359/00940724.pdf - Similar pages

[PDF] The 57th IEEE Semiannual Vehicular Technology Conference ...

File Format: PDF/Adobe Acrobat

5. Optimal Decoding Order and **Power** Allocation in Multimedia CDMA Networks. with

Imperfect Successive Interference Cancellation

ieeexplore.ieee.org/iel5/8574/27214/01208771.pdf?arnumber=1208771 - <u>Similar pages</u>

[More results from ieeexplore.ieee.org]

SPAWC2004 - Program and Useful Information

Recent studies have found **successive interference cancellation** (SIC) schemes ... 223 - Combined MMSE Equalization and **Parallel Interference Cancellation** for ... spawc2004.isr.ist.utl.pt/?page=program - 467k - <u>Cached</u> - <u>Similar pages</u>

(PDF) Final Program

File Format: PDF/Adobe Acrobat - View as HTML

Stage Partial Parallel Interference Cancellation. Holger Claussen, University of

Edinburgh, UK; ... 7 Parallel and Successive Interference Cancellation for ...

www.ieeevtc.org/vtc2003fall/final_programme.pdf - Similar pages

[PDF] Modulation and Demodulation

File Format: PDF/Adobe Acrobat - View as HTML

Decreasing Transmit Power by Adaptive Loading ... with Multistage Parallel Interference

Cancellation ... Successive Interference Cancellation for STBC- ...

www.ieeevtc.org/vtc2005spring/programme.pdf - Similar pages

Abstract of Papers for International Conference

Pipelined successive interference cancellation with parallel processing for a ... in decreasing order of their respective received signal power using the ... www.yahagi.nd.chiba-u.jp/sekiya/research/abst1-e.html - 63k - Supplemental Result - Cached - Similar pages

[PDF] SSP'05 13th IEEE Workshop on Statistical Signal Processing Book of ...

File Format: PDF/Adobe Acrobat - View as HTML

mixture of several, using iterated successive interference cancellation. ... mances of a

Parallel Interference Cancellation receiver with a Hard Limiter ...

www.ssp05.telecom-paris.fr/Documents/BookofAbstracts.pdf - Similar pages

Publication Details

Ping-pong effects in linear parallel interference cancellation for CDMA. ... A matrix-algebraic approach to successive interference cancellation in CDMA. ... www.acorn.net.au/membersonly/show/publication/index.cfm - 611k - Cached - Similar pages

[PDF] OFDM Multi-User Communication Over Time-Variant Channels

File Format: PDF/Adobe Acrobat

6.2.1 Time-Variant Parallel Interference Cancellation [35] M. Kobayashi, J. Boutros,

and G. Caire, "Successive interference cancellation ...

publik.tuwien.ac.at/files/pub-et_8800.pdf - Similar pages

"parallel interference cancellation" power decreasing cluster "successive interference cancellation... Page 2 of 2

[PDF] MAC Ltd report - Version 6

File Format: PDF/Adobe Acrobat

The level of ACI generated may be reduced somewhat by decreasing. (or "backing off") the

transmit power, although this has power efficiency implications for ...

www.macltd.com/datafile_downloads/MAC%20Ltd%20-%20Dead%20Zone%20Report.pdf -

Similar pages

Result Page:

1 2 3 4

<u>Next</u>

Try Google Desktop: search your computer as easily as you search the web.

"parallel interference cancellation" po

Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

<u>Google Home</u> - <u>Advertising Programs</u> - <u>Business Solutions</u> - <u>About Google</u>

©2006 Google

"parallel interference cancellation" power decreasing cluster "successive interference cancellation... Page 1 of 2

drjatorres@gmail.com | Search History | My Account | Sign out

Google

 Web
 Images
 Video
 News
 Maps
 more »

 "parallel interference cancellation" power decre
 Search
 Advanced Search Preferences

Web Results 1 - 10 of about 16 for "parallel interference cancellation" power decreasing cluster "successive inter

[PDF] Modulation and Demodulation

File Format: PDF/Adobe Acrobat - View as HTML

Decreasing Transmit Power by Adaptive Loading ... with Multistage Parallel Interference

Cancellation ... Successive Interference Cancellation for STBC- ...

www.ieeevtc.org/vtc2005spring/programme.pdf - Similar pages

[PDF] Table of Contents - Wireless Communications and Networking ...

File Format: PDF/Adobe Acrobat

Equalized Parallel Interference Cancellation for MCCDMA Multicode ... Cluster-based

ieeexplore.ieee.org/iel5/9178/29115/01311260.pdf - Similar pages

[PDF] Volume I Sounding, Evaluation,

File Format: PDF/Adobe Acrobat

Successive Interference Cancellation Multiuser Detectorfor Narrowband ... Decreasing.

Transmit Power. by Adaptive. Loading. forUltra. High-Data-Rate ...

ieeexplore.ieee.org/iel5/10360/32958/01543236.pdf?arnumber=1543236 - Similar pages

[More results from ieeexplore ieee.org]

Publication Details

Ping-pong effects in linear **parallel interference cancellation** for CDMA. ... A matrix-algebraic approach to **successive interference cancellation** in CDMA. ... www.acorn.net.au/membersonly/show/publication/index.cfm - 611k - Cached - Similar pages

[PDF] Boletín de Alerta en Electrónica y Sistemas

File Format: PDF/Adobe Acrobat - View as HTML

Asymptotic Performance of **Successive Interference Cancellation** in the Context of ... A novel **trellis**-shaping design with both peak and average **power** ... www.ucatolica.edu.co/biblioteca/BolAleElc.pdf - Similar pages

[PDF] TEAMFLY

File Format: PDF/Adobe Acrobat

The path loss is an overall **decrease** in **power**, as the distance between ... **branches** emanating from two **nodes** having the same state are identical in ... users.urbi.com.br/.../Artech-Interference%20Analysis%20and%20Reduction%20for%20Wireless%20Systems.pdf - <u>Similar pages</u>

bibtex

They make it possible to compute other **node** voltages and the **branch** currents ... TITLE="Parallel and **Successive Interference Cancellation** Receivers in a ... www.cs.columbia.edu/~hgs/bib/net05.bib - 977k - <u>Cached</u> - <u>Similar pages</u>

@TECHREPORT{CERT02:Overview, AUTHOR="C. E. RT Coordination Center ...

Like the networks that they are designed for, these algorithms are completely decentralized, and they exploit the **power**-law link distribution in the **node** ... www.cs.columbia.edu/~hgs/bib/net02.bib - 977k - Cached - Similar pages
[More results from www.cs.columbia.edu]

[XLS] Sheet1

File Format: Microsoft Excel

When the **nodes** are synchronized, routing and detection can be performed, **... power-**law: the amount of periods is **decreasing** according to **power** law. **...**

"parallel interference cancellation" power decreasing cluster "successive interference cancellation... Page 2 of 2 www.wseas.org/2003.xls - Similar pages

[PDF] IST-2003-507581 WINNER D2.1 Identification of Radio-link technologies

File Format: PDF/Adobe Acrobat

In the second half of the iteration, these LLRs are multiplied together at the —="-nodes to produce new LLR messages to send. back to the **trellis**. ...

https://www.ist-winner.org/DeliverableDocuments/D2.1.pdf - Similar pages

Result Page:

1 2

Next

Try Google Desktop: search your computer as easily as you search the web.

"parallel interference cancellation" p

Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2006 Google

RESULT LIST

2 results found in the Worldwide database for:

LG electronics as the applicant AND choi as the inventor AND h04b1/69 as the IPC classification (Results are sorted by date of upload in database)

No English title available

Inventor: CHOI DEOK HWAN (KR)

Applicant: LG ELECTRONICS INC (KR)

IPC: (IPC1-7): H04B1/69

Publication info: KR100511671B - 2005-08-24

APPARATUS AND METHOD FOR REMOVING MULTI-USE

INTERFERENCE

Inventor: CHOI SU YONG (KR); HONG DAE SIK (KR); Applicant: LG ELECTRONICS INC (KR)

(+3)

EC:

IPC: H04B1/69; H04B1/69; (IPC1-7): H04B1/69

Publication info: KR2002073862 - 2002-09-28

Data supplied from the **esp@cenet** database - Worldwide

drjatorres@gmail.com §	Search History M	ly Account	Sign out
--------------------------	--------------------	------------	----------

Google

 Web
 Images
 Video
 News
 Maps
 more »

 hybrid "interference cancellation" cluster "centil Search Preferences

Web

Results 1 - 1 of 1 for <u>hybrid</u> "<u>interference cancellation</u>" <u>cluster</u> "<u>central value</u>" <u>power</u>. (0.44 seconds)

Tip: Try removing quotes from your search to get more results.

Hybrid multi-user interference cancellation method and device ...
[0077] By considering the influence caused by the difference of the user signal power in the g.sup.th cluster, the hybrid interference cancellation method ...
www.freepatentsonline.com/20040123227.html - 53k - Supplemental Result - Cached - Similar pages

Try Google Desktop: search your computer as easily as you search the web.

hybrid "interference cancellation" clu Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2006 Google

drjatorres@gmail.com | Search History | My Account | Sign out

Google

 Web
 Images
 Video
 News
 Maps
 more »

 hybrid "interference cancellation" GROUP "cer
 Search
 Advanced Search Preferences

Web

Results 1 - 4 of 4 for <u>hybrid</u> "<u>interference cancellation</u>" <u>GROUP</u> "<u>central value</u>" <u>power</u>. (0.35 seconds)

Tip: Try removing quotes from your search to get more results.

Digital interference suppression system for radio frequency ...

PHI., modulation process to provide ideal operation over frequency and **power**. The delta outputs of the second **hybrid** junction are detected in the ... www.freepatentsonline.com/5872540.html - 110k - <u>Cached</u> - <u>Similar pages</u>

Hybrid multi-user interference cancellation method and device ...

Disclosed is a **hybrid** multi-user **interference cancellation** method for ... the first **group** forms a cluster with a user with the biggest signal **power**, ... www.freepatentsonline.com/20040123227.html - 53k - Supplemental Result - Cached - Similar pages

[PDF] D10 Interference in and between wireless access systems

File Format: PDF/Adobe Acrobat - <u>View as HTML</u> for **hybrid** wireless systems operating between 2 - 50 GHz is described. ... Techniques such as **interference cancellation** between base stations, ... www.telenor.no/broadwan/publ/BROADWAN_Deliverable_D10_interference.pdf - Similar pages

[PDF] ROBUST GMSK DEMODULATION USING DEMODULATOR DIVERSITY AND BER ...

File Format: PDF/Adobe Acrobat

equalizer weight vector is shown to affect the **interference cancellation** properties. By ... view on dispersion, because one first estimates a **central value** ... scholar.lib.vt.edu/theses/public/etd-5941513972900/etd.pdf - <u>Similar pages</u>

Try Google Desktop: search your computer as easily as you search the web.

hybrid "interference cancellation" GF Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2006 Google





About Us

Newsroom

Advisory Board

Submit Web Site

Help

Contact Us

Basic Search

(Monotonicity...

similar results

Advanced Search Search Preferences

		"parallel interfer	ence cancellation" AND	power AND de	Search	
		✓ Journal sources	✓ Preferred Web sources	Other Web sour	ces Exact phrase	
Sea	rched for::	:All of the words:"	parallel interference can	cellation" AND pov	ver AND decreasing AND	O cluster ANE
	Found::	:3 total 0 journa	al results <u>3 preferred w</u>	reb results 0 other	er web results	
	Sort by::	:relevance <u>date</u>	<u>L</u>			
	−{ Save che	cked results	Email checked results	Export checked re	esults -	Or refine +
1 .			OLS FOR WIRELESS MU	ILTI-HOP NETWO	<u>RKS</u>	All of the
	includir spread-sp simultane for mobile RESULTS Full text	pectrumerror co eous connections e ad hoc network. 103 FIGURE 7-1 thesis available results from NDL	lay, stability, and power rrection coding rate, transcription is extended in FIGURE 6-5. CLUS 3. POWER USED PER EVIA NOLTO	ensmit power , an ended with the cl E TERING ALGORI	nd number of ustering algorithm THM VERIFICATION	Refine
	Smavatk includir spread-sp simultane for mobile RESULTS Full text view all 2 similar re	tul, Nattavut., Jang throughput, del pectrumerror co cous connections e ad hoc network103 FIGURE 7-1 thesis available results from NDL sults	lay, stability, and power rrection coding rate, tra routing protocol is extended80 FIGURE 6-5. CLUS .3. POWER USED PER via NDLTD	er consumption, the consumption, the consumption of the consumption, the consumption of the consumption, the consumption of the	nd number of ustering algorithm THM VERIFICATION THE PRESENCE	
<u> </u>	SIGNALS KOCIAN, APPLICAT success	Alexander / FL TON, Mar 2002 Sive and parallel	EURY, Bernard, Henri interference cancella n, when theas of the	i, PATENT COOPE	RATION TREATY vreduced in paralle	1

:::fast

cancellation (SIC) scheme...the root power of the transmitted...)],. is non-decreasing

Full text available at patent office. For more in-depth searching go to LexisNexis-

"parallel interference cancellation" AND power AND decreasing AND cluster AND "successive ... Page 2 of 2

Tell A Friend | Terms Of Service | Privacy Policy | Legal

Powered by FAST © Elsevier 2006

Scepus can nelp you to...

Submit Web Site



SCINS	Search - Pop-up Blocker OFF. # Highligh

Help

Contact Us

Newsroom

Advisory Board

About Us

	Basi	c Search Advanced Search Se	arch Preferences
		"parallel interference cancellation" AND power AND de	Search
		✓ Journal sources ✓ Preferred Web sources ✓ Other Web sources	Exact phrase
Sear	ched for::	:All of the words:"parallel interference cancellation" AND power A	ND decreasing AND groups AN[
	Found::	:8 total 0 journal results 4 preferred web results 4 other we	eb results
	Sort by::	:relevance <u>date</u>	
	Selective Radio howladedistribu cancellat Cancellat successi interfere cancellat cancellat full text view all 4 similar re		using these keywords found in the results: decoder decoding fading channels rayleigh fading nce transmitter
2.	Gozali, R condition (STTC1 8.1.2 Par the 4-sta. Full text	thesis available via NDLTD results from NDLTD	
] 3.	Apr 2000the scat delay freq spectrum the Doppl	ttering function, which measure power spectrum of the changuencyfrequency). scattering function, obtain delay power of channel (also called multipathaveraging, (2.1.1) Similarl er power spectrum is (2.1.2) The range values over from [http://wsl.stanford.edu/~ee392f/bigshamai.ps] sults	
 4.	Apr 2002 conditio (STTC1	istiller, Job 2 [PDF-443K] ons. For trellis-type STC, transfer3.1 Space-Time Trellis Co 52 8.1.1 Successive Interference Cancellation (SIC154	ding

para	llel	interference cancellation" AND power AND decreasing AND groups AND "successive Page 2 of 2
		the 4-sta [http://scholar.lib.vt.edu/theses/available/etd-0424200] similar results
	5.	Selective interference cancellation and frame synchronization for packet radio Howlader, Mohammad Mostofa Kamal., Jan 2000distributed power controlboth partial parallel interference cancellation and convolutional31 3.2.6 Successive Interference Cancellation Receiversreceived power as the terminaldiagram of a successive interference cancellation receivermultistage parallel interference cancellation receiverchannel using parallel interference cancellation and successivecancellation and successive interference cancellation, re- spectively Full text thesis available via NDLTD view all 4 results from NDLTD similar results
	6.	Space-time codes for high data rate wireless communications Gozali, Ran., Jan 2002conditions. For trellis-type STC, transfer3.1 Space-Time Trellis Coding (STTC152 8.1.1 Successive Interference Cancellation (SIC154 8.1.2 Parallel Interference Cancellation (PIC34 3.3 Trellis diagram of the 4-sta Full text thesis available via NDLTD view all 4 results from NDLTD similar results
	7.	Microsoft Word - master.doc [PDF-433K] May 1999 Low Power Receiver DesignBerkeley Fall 1998 Low Power Receiver DesignTeuscher 1 Abstract Low Power Receiver Design50 3.3.2.1 Successive Interference Cancellation50 3.3.2.2 Parallel Interference Cancellation [http://bwrc.eecs.berkeley.edu/Research/Receiver_Algori] similar results
	8.	PubTeX output 1998.09.21:1047 [PDF-461K] Nov 2000 scattering function , which is a measure of the power spectrum of the channel at delay and frequencyscattering function, we obtain the delay power spectrum of the channel (also called thei.e., (2.1.1) Similarly, the Doppler power spectrum is (2.1.2) The range of values [http://wsl.stanford.edu/~ee359/shamai_tut.pdf] similar results
		·

:::fast

<u>Downloads</u> | <u>Subscribe to News Updates</u> | <u>User Feedback</u> | <u>Advertising Tell A Friend</u> | <u>Terms Of Service</u> | <u>Privacy Policy</u> | <u>Legal</u>

Powered by FAST © Elsevier 2006



Home | Login | Logout | Access Information | Alerts | Sitemap

Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPOF

Results for "(((parallel interference cancellation<in>metadata) <and> (successive interference ca..." Your search matched 34 of 1431298 documents.

anniei 🖺 ⊠ e-mail

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

» Key

IEEE JNL

IEEE Journal or

Magazine

IEE JNL

IEE Journal or Magazine

IEEE CNF

IEEE Conference Proceeding

IEE CNF

IEE Conference

Proceeding

IEEE STD IEEE Standard

Modify Search

view selected items

(((parallel interference cancellation<in>metadata) <and> (successive interference d

Select All Deselect All

Search >

Check to search only within this results set

1-25

1. Evaluation of a DS/CDMA multiuser receiver employing a hybrid form of interferen cancellation in Rayleigh-fading channels

Koulakiotis, D.; Aghvami, A.H.;

Communications Letters, IEEE

Volume 2, Issue 3, March 1998 Page(s):61 - 63 Digital Object Identifier 10.1109/4234.662627

AbstractPlus | References | Full Text: PDF(72 KB) | IEEE JNL

Rights and Permissions

2. A simulation comparison of multiuser receivers for cellular CDMA

Buehrer, R.M.; Correal-Mendoza, N.S.; Woerner, B.D.;

Vehicular Technology, IEEE Transactions on

Volume 49, Issue 4, July 2000 Page(s):1065 - 1085 Digital Object Identifier 10.1109/25.875213

AbstractPlus | Full Text: PDF(472 KB) | IEEE JNL

Rights and Permissions

3. Group-wise successive interference cancellation receiver with adaptive MMSE det for dual-rate DS-CDMA system

Seung Hee Han; Jae Hong Lee;

Global Telecommunications Conference, 2002. GLOBECOM '02. IEEE

Volume 1, 17-21 Nov. 2002 Page(s):514 - 518 vol.1

AbstractPlus | Full Text: PDF(390 KB) | IEEE CNF

Rights and Permissions

4. A new interference cancellation receiver in fading channels Г

Mingshu Wang; Jianhua Lu; Zucheng Zhou; Jianfeng Wang;

Communication Systems, 2002. ICCS 2002. The 8th International Conference on

Volume 1, 25-28 Nov. 2002 Page(s):573 - 577 vol.1

AbstractPlus | Full Text: PDF(303 KB) IEEE CNF

Rights and Permissions

5. Performance comparison between channel estimation algorithms for TD-SCDMA p interference-cancellation receiver

Gang Wu; Wenhua Dai; Youxi Tang; Shaoqian Li;

Communications, Circuits and Systems and West Sino Expositions, IEEE 2002 Internation Conference on

Volume 1, 29 June-1 July 2002 Page(s):197 - 201 vol.1

AbstractPlus | Full Text: PDF(349 KB) | IEEE CNF

Rights and Permissions

6. Uplink interference analysis of LMDS networks applying CDMA with interference Г cancellation Novak, C.; Toth, D.; Bito, J.; Spread Spectrum Techniques and Applications, 2002 IEEE Seventh International Sympo Volume 1, 2002 Page(s):288 - 292 vol.1 Digital Object Identifier 10.1109/ISSSTA.2002.1049332 AbstractPlus | Full Text: PDF(469 KB) IEEE CNF Rights and Permissions 7. Interference cancellation schemes for CDMA systems Nguyen, V.K.; White, L.B.; Information, Decision and Control, 2002. Final Program and Abstracts 11-13 Feb. 2002 Page(s):47 - 52 AbstractPlus | Full Text: PDF(193 KB) IEEE CNF Rights and Permissions 8. Performance of SDMA multiuser detection techniques for Walsh-Hadamard-spread schemes Munster, M.; Hanzo, L.; Vehicular Technology Conference, 2001. VTC 2001 Fall. IEEE VTS 54th Volume 4, 7-11 Oct. 2001 Page(s):2319 - 2323 vol.4 Digital Object Identifier 10.1109/VTC.2001.957162 AbstractPlus | Full Text: PDF(440 KB) | IEEE CNF Rights and Permissions 9. Interference cancellation for multirate multiuser systems Do-Sik Yoo; Stark, W.E.; Vehicular Technology Conference, 2001. VTC 2001 Spring. IEEE VTS 53rd Volume 3, 6-9 May 2001 Page(s):1584 - 1588 vol.3 Digital Object Identifier 10.1109/VETECS.2001.944960 AbstractPlus | Full Text: PDF(436 KB) | IEEE CNF Rights and Permissions 10. Decision-directed channel estimation for multi-user OFDM environments Munster, M.; Hanzo, L.; Vehicular Technology Conference, 2001. VTC 2001 Spring. IEEE VTS 53rd Volume 4, 6-9 May 2001 Page(s):2417 - 2420a vol.4 Digital Object Identifier 10.1109/VETECS.2001.944034 AbstractPlus | Full Text: PDF(400 KB) | IEEE CNF Rights and Permissions 11. System architecture for implementing multiuser detector within an ad-hoc networl Mostofa, M.; Howlader, K.; Woerner, B.D.; Military Communications Conference, 2001. MILCOM 2001. Communications for Networ Centric Operations: Creating the Information Force. IEEE Volume 2, 28-31 Oct. 2001 Page(s):1119 - 1123 vol.2 Digital Object Identifier 10.1109/MILCOM.2001.986019 AbstractPlus | Full Text: PDF(788 KB) IEEE CNF Rights and Permissions 12. Composite interference cancellation scheme for CDMA systems Poon, B.C.-K.; Chi-Ying Tsui; Cheng, R.S.; Global Telecommunications Conference, 2000. GLOBECOM '00. IEEE Volume 1, 27 Nov.-1 Dec. 2000 Page(s):1 - 5 vol.1 Digital Object Identifier 10.1109/GLOCOM.2000.891646 AbstractPlus | Full Text: PDF(276 KB) IEEE CNF Rights and Permissions

Rasmussen, L.K.;

On ping-pong effects in linear interference cancellation for CDMA

Г

Spread Spectrum Techniques and Applications, 2000 IEEE Sixth International Symposic Volume 2, 6-8 Sept. 2000 Page(s):348 - 352 vol.2

Digital Object Identifier 10.1109/ISSSTA.2000.876454

AbstractPlus | Full Text: PDF(380 KB) IEEE CNF

Rights and Permissions

14. Performance of multi-rate DS-CDMA system with multi-stage partial parallel interfe cancellation

Seung Hee Han; Jae Hong Lee;

Vehicular Technology Conference Proceedings, 2000. VTC 2000-Spring Tokyo. 2000 IE

Volume 2, 15-18 May 2000 Page(s):765 - 769 vol.2 Digital Object Identifier 10.1109/VETECS.2000.851228

AbstractPlus | Full Text: PDF(316 KB) IEEE CNF

Rights and Permissions

15. Performance analysis of the hybrid interference canceller for multiple access interference cancellation

Jae-Hong Kim; Jae-Yoon Jeong; Soon-Jin Yeom; Byung-Goo Choi; Yong-Wan Park;

TENCON 99. Proceedings of the IEEE Region 10 Conference

Volume 2, 15-17 Sept. 1999 Page(s):1236 - 1239 vol.2

Digital Object Identifier 10.1109/TENCON.1999.818651 AbstractPlus | Full Text: PDF(212 KB) | IEEE CNF

Rights and Permissions

16. A comparison of multiuser receivers for cellular CDMA

Buehrer, R.M.; Correal, N.S.; Woerner, B.D.;

Global Telecommunications Conference, 1996. GLOBECOM '96. 'Communications: The

Global Prosperity

Volume 3, 18-22 Nov. 1996 Page(s):1571 - 1577 vol.3

Digital Object Identifier 10.1109/GLOCOM.1996.591904

AbstractPlus | Full Text: PDF(744 KB) | IEEE CNF

Rights and Permissions

17. Performance analysis of interference cancellation schemes for a DS/CDMA systen delay constraint

Hwang, S.H.; Kang, C.G.; Kim, S.W.;

Personal, Indoor and Mobile Radio Communications, 1996. PIMRC'96., Seventh IEEE

International Symposium on

Volume 2, 15-18 Oct. 1996 Page(s):569 - 573 vol.2

Digital Object Identifier 10.1109/PIMRC.1996.567459

AbstractPlus | Full Text: PDF(452 KB) | IEEE CNF

Rights and Permissions

18. Performance of space-time interference cancellation methods for DS-CDMA system Al-Dabbous, N.A.; Sharif, B.S.;

3G Mobile Communication Technologies, 2002. Third International Conference on (Conf

No. 489)

8-10 May 2002 Page(s):272 - 275

AbstractPlus | Full Text: PDF(422 KB) IEE CNF

19. Co-channel interference cancellation techniques for antenna array assisted multiv **OFDM** systems

Munster, M.; Hanzo, L.;

3G Mobile Communication Technologies, 2000. First International Conference on (IEE C

Publ. No. 471)

27-29 March 2000 Page(s):256 - 260

AbstractPlus | Full Text: PDF(476 KB) IEE CNF

Г Multistage parallel interference cancellation with power and phase estimation

Ghotbi, M.; Soleymani, M.R.;

Vehicular Technology Conference, 2002. Proceedings, VTC 2002-Fall. 2002 IEEE 56th

Volume 3, 24-28 Sept. 2002 Page(s):1716 - 1719 vol.3

Digital Object Identifier 10.1109/VETECF.2002.1040509

AbstractPlus | Full Text: PDF(242 KB) IEEE CNF

Rights and Permissions

21. Objective function based group-wise successive interference cancellation receive Г dual-rate DS-CDMA system

Seung Hee Han; Jae Hong Lee;

Vehicular Technology Conference, 2002. VTC Spring 2002. IEEE 55th

Volume 4, 6-9 May 2002 Page(s):1685 - 1688 vol.4 Digital Object Identifier 10.1109/VTC.2002.1002907

AbstractPlus | Full Text: PDF(454 KB) | IEEE CNF

Rights and Permissions

22. On optimal power distribution for successive interference cancellation (SIC) for Г wideband CDMA

Yu-Nan Lin; Lin, D.W.;

Wireless Communications, 2001. (SPAWC '01). 2001 IEEE Third Workshop on Signal

Processing Advances in

20-23 March 2001 Page(s):38 - 41

Digital Object Identifier 10.1109/SPAWC.2001.923836

AbstractPlus | Full Text: PDF(320 KB) IEEE CNF

Rights and Permissions

23. Groupwise serial multiuser detectors for multirate DS-CDMA

Wijting, C.S.; Ojanpera, T.; Juntti, M.; Kansanen, K.; Prasad, R.;

Vehicular Technology Conference, 1999 IEEE 49th

Volume 1, 16-20 May 1999 Page(s):836 - 840 vol.1 Digital Object Identifier 10.1109/VETEC.1999.778323

AbstractPlus | Full Text: PDF(440 KB) | IEEE CNF

Rights and Permissions

24. Trellis-based multiuser detection for DS-CDMA systems with frequency-selective (

Do-Sik Yoo; Hafeez, A.; Stark, W.E.;

Wireless Communications and Networking Conference, 1999. WCNC. 1999 IEEE

21-24 Sept. 1999 Page(s):829 - 833 vol.2

Digital Object Identifier 10.1109/WCNC.1999.796782

AbstractPlus | Full Text: PDF(452 KB) IEEE CNF

Rights and Permissions

25. Code-spread CDMA with interference cancellation

Frenger, P.K.; Orten, P.; Ottosson, T.;

Selected Areas in Communications, IEEE Journal on

Volume 17, Issue 12, Dec. 1999 Page(s):2090 - 2095

Digital Object Identifier 10.1109/49.814815

AbstractPlus | References | Full Text: PDF(124 KB) | IEEE JNL

Rights and Permissions

1-25

Contact Us Privacy & Security

© Copyright 2006 IEEE - All Rights

Indexed by m Inspec



Home | Login | Logout | Access Information | Alerts | Sitemap

Welcome United States Patent and Trademark Office

□ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPOF

Results for "(((parallel interference cancellation<in>metadata) <and> (successive interference ca..." Your search matched 0 documents.

☑e-mail 🖨 printer

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

Modify Search

New Search

(((parallel interference cancellation<in>metadata) <and> (successive interference of

Check to search only within this results set

» Key

No results were found.

IEEE JNL

IEEE Journal or

Magazine

IEE JNL

IEE Journal or Magazine

IEEE CNF

IEE CNF

IEEE Conference

Proceeding

IEE Conference Proceeding

Please edit your search criteria and try again. Refer to the Help pages if you need assistance revisin

IEEE STD IEEE Standard

indexed by m inspec Help Contact Us Privacy & Security © Copyright 2006 IEEE - All Rights



Home | Login | Logout | Access Information | Alerts | Sitemap

Welcome United States Patent and Trademark Office

□ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPOF

Results for "(kay wee ang<in>au)"

Your search matched 5 of 1431298 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

☑e-mail 🖶 printer

» Search Options

View Session History

New Search

Modify Search

(kay wee ang<in>au)

Search >

» Key

IEEE Journal or **IEEE JNL**

Magazine

IEE JNL IEE Journal or Magazine

IEEE Conference **IEEE CNF**

Proceeding

IEE CNF IEE Conference

Proceeding

IEEE STD IEEE Standard

Check to search only within this results set

view selected items Select All Deselect All

1. Performance analysis of an adaptive PIC receiver with diversity combining for multicarrier DS-CDMA system

Huahui Wang; Kai Yen; Kay Wee Ang; Yong Huat Chew;

Vehicular Technology Conference, 2004. VTC 2004-Spring. 2004 IEEE 59th

Volume 3, 17-19 May 2004 Page(s):1371 - 1375 Vol.3 Digital Object Identifier 10.1109/VETECS.2004.1390477

AbstractPlus | Full Text: PDF(635 KB) | IEEE CNF

Rights and Permissions

2. An adaptive PIC receiver with diversity combining for MC-DS-CDMA system

Huahui Wang; Kay Wee Ang; Kai Yen; Yong Huat Chew;

Vehicular Technology Conference, 2003. VTC 2003-Fall. 2003 IEEE 58th

Volume 2, 6-9 Oct. 2003 Page(s):1055 - 1059 Vol.2

AbstractPlus | Full Text: PDF(387 KB) | IEEE CNF

Rights and Permissions

3. Performance analysis of an adaptive PIC receiver for asynchronous multicarrier D

CDMA system

Huanhui Wang; Kai Yen; Kay Wee Ang; Yong Huat Chew;

Personal, Indoor and Mobile Radio Communications, 2003. PIMRC 2003. 14th IEEE

Proceedings on

Volume 2, 7-10 Sept. 2003 Page(s):1835 - 1839 vol.2

Digital Object Identifier 10.1109/PIMRC.2003.1260432

AbstractPlus | Full Text: PDF(393 KB) | IEEE CNF

Rights and Permissions

4. Performance of the multi-stage variable group hybrid interference cancellation sch Г with timing and phase errors

Kay Wee Ang; Krzymien, W.A.;

Vehicular Technology Conference, 2003. VTC 2003-Spring. The 57th IEEE Semiannual Volume 3, 22-25 April 2003 Page(s):1905 - 1909 vol.3

AbstractPlus | Full Text: PDF(379 KB) IEEE CNF

Rights and Permissions

5. A method of limiting the processing delay of the improved multi-stage variable grc hybrid interference cancellation scheme for CDMA systems

Kay Wee Ang; Krzymieri, W.A.;

Vehicular Technology Conference, 1999. VTC 1999 - Fall. IEEE VTS 50th

Volume 3, 19-22 Sept. 1999 Page(s):1648 - 1652 vol.3 Digital Object Identifier 10.1109/VETECF.1999.801577

AbstractPlus | Full Text: PDF(480 KB) IEEE CNF

Rights and Permissions

indexed by ធ្វី Inspec°

Help Contact Us Privacy & Security © Copyright 2006 IEEE - All Rights



Home | Login | Logout | Access Information | Alerts | Sitemap

Welcome United States Patent and Trademark Office

□ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPOF

Results for "(ang k. -w.<in>au)"

Your search matched 3 of 1431298 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

☑e-mail 🖶 printer

» Search Options

View Session History

New Search

Modify Search

(ang k. -w.<in>au)

Search >

» Key

IEEE JNL

IEEE Journal or

Magazine

IEE JNL

IEE Journal or Magazine

IEEE CNF

IEEE Conference

Proceeding

IEE CNF

IEE Conference

Proceeding

IEEE STD IEEE Standard

Check to search only within this results set

Display Format: © Citation C Citation & Abstract

view selected items

Select All Deselect All

1. Strained-SOI n-Channel Transistor With Silicon-Carbon Source/Drain Regions for **Transport Enhancement**

Chui, K.-J.; Ang, K.-W.; Chin, H.-C.; Shen, C.; Wong, L.-Y.; Tung, C.-H.; Balasubramania

Li, M.F.; Samudra, G.S.; Yeo, Y.-C.;

Electron Device Letters, IEEE

Volume 27, Issue 9, Sept. 2006 Page(s):778 - 780

Digital Object Identifier 10.1109/LED.2006.881083

AbstractPlus | Full Text: PDF(184 KB) | IEEE JNL

Rights and Permissions

2. 50 nm Silicon-On-Insulator N-MOSFET Featuring Multiple Stressors: Silicon-Carbo Source/Drain Regions and Tensile Stress Silicon Nitride Liner

Ang, K.-W.; Chui, K.-J.; Chin, H.-C.; Foo, Y.-L.; Du, A.; Deng, W.; Li, M.-F.; Samudra, G. Balasubramanian, N.; Yeo, Y.-C.;

VLSI Technology, 2006. Digest of Technical Papers. 2006 Symposium on

June 13-15, 2006 Page(s):66 - 67

AbstractPlus | Full Text: PDF(983 KB) | IEEE CNF

Rights and Permissions

3. Performance study of the varying parameters on the paging and updating signalin in an UMTS-FDD system

Thum, K.H.; Yeo, B.S.; Chew, Y.H.; Ang, K.W.;

Global Telecommunications Conference, 2004. GLOBECOM '04. IEEE

Volume 5, 29 Nov.-3 Dec. 2004 Page(s):2880 - 2884 Vol.5

Digital Object Identifier 10.1109/GLOCOM.2004.1378881

AbstractPlus | Full Text: PDF(619 KB) | IEEE CNF

Rights and Permissions

Contact Us Privacy & Security

© Copyright 2006 IEEE - All Rights

Indexed by g inspec



Home | Login | Logout | Access Information | Alerts | Sitemap

Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPOF

Results for "(krzymien w. a.<in>au)" Your search matched 89 of 1431298 documents.

☑e-mail 🚐 printer

» Search Options

View Session History

New Search

» Key

IEEE Journal or IEEE JNL

Magazine

IEE Journal or Magazine **IEE JNL**

IEEE CNF

IEEE Conference

Proceedina

IEE Conference **IEE CNF**

Proceeding

IEEE STD IEEE Standard

Modify Search

A maximum of 89 results are displayed, 25 to a page, sorted by Relevance in Descending order.

(krzymien w. a.<in>au)

Search.

Check to search only within this results set

Display Format: © Citation C Citation & Abstract

view selected items

Select All Deselect All

View: 1-25 | 26-50 | 51-75

76. Performance improvement of closed-loop power control in CDMA cellular mobile communication systems

Qiang Shen; Krzymien, W.A.;

Vehicular Technology Conference, 1996. 'Mobile Technology for the Human Race', IEE

Volume 1, 28 April-1 May 1996 Page(s):56 - 60 vol.1 Digital Object Identifier 10.1109/VETEC.1996.503407 AbstractPlus | Full Text: PDF(356 KB) IEEE CNF

Rights and Permissions

77. Digital loop extension using mid span amplification

Erker, G.J.; Dodds, D.E.; Krzymien, W.A.;

Circuits and Systems, 1995. ISCAS '95., 1995 IEEE International Symposium on

Volume 2, 28 April-3 May 1995 Page(s):1452 - 1455 vol.2 Digital Object Identifier 10.1109/ISCAS.1995.521407

AbstractPlus | Full Text: PDF(316 KB) | IEEE CNF

Rights and Permissions

78. CDMA multi-user interference cancellation with reference symbol aided estimation channel parameters

Soong, A.C.K.; Krzymien, W.A.;

Communications, Computers, and Signal Processing, 1995. Proceedings. IEEE Pacific I Conference on

17-19 May 1995 Page(s):429 - 432

Digital Object Identifier 10.1109/PACRIM.1995.519561

AbstractPlus | Full Text: PDF(464 KB) IEEE CNF

Rights and Permissions

Г

79. Performance of a reference symbol assisted multistage successive interference cancelling receiver in a multi-cell CDMA wireless system

Soong, A.C.K.; Krzymien, W.A.;

Global Telecommunications Conference, 1995. Conference record. Communication The

Mini-Conference, GLOBECOM '95., IEEE

13-17 Nov. 1995 Page(s):152 - 156

Digital Object Identifier 10.1109/CTMC.1995.502950

AbstractPlus | Full Text: PDF(520 KB) IEEE CNF

Rights and Permissions

Г Performance issues in successive interference cancellation with reference symbo assisted channel estimation

Soong, A.C.K.; Krzymien, W.A.;

Universal Personal Communications, 1995, Record., 1995 Fourth IEEE International

Conference on

6-10 Nov. 1995 Page(s):158 - 162

Digital Object Identifier 10.1109/ICUPC.1995.496879

AbstractPlus | Full Text: PDF(584 KB) IEEE CNF

Rights and Permissions

81. Digital implementation of a transmit line build-out circuit for the DSX-1 interface

Borys, M.S.; Krzymien, W.A.; Grover, W.D.;

WESCANEX 88: 'Digital Communications Conference Proceedings'

11-12 May 1988 Page(s):55 - 59

Digital Object Identifier 10.1109/WESCAN.1988.27667

AbstractPlus | Full Text: PDF(444 KB) | IEEE CNF

Rights and Permissions

82. A subset of the ISDN network layer protocol suitable for implementation in hardwa

Brown, J.J.; Krzymien, W.A.;

INFOCOM '88. Networks: Evolution or Revolution? Proceedings. Seventh Annual Joint

Conference of the IEEE Computer and Communications Societies., IEEE

27-31 March 1988 Page(s):1065 - 1071

Digital Object Identifier 10.1109/INFCOM.1988.13024

AbstractPlus | Full Text: PDF(444 KB) IEEE CNF

Rights and Permissions

83. Turbo-Loop: a rate-adaptive digital subscriber loop (RA-DSL) for advanced ISDN a applications

Grover, W.E.; Krzymien, W.A.; Fong, T.; Shen, A.; Dubuc, J.;

Global Telecommunications Conference, 1989, and Exhibition. 'Communications Technology

the 1990s and Beyond'. GLOBECOM '89., IEEE

27-30 Nov. 1989 Page(s):1945 - 1951 vol.3

Digital Object Identifier 10.1109/GLOCOM.1989.64276

<u>AbstractPlus</u> | Full Text: PDF(716 KB) | IEEE CNF

Rights and Permissions

84. Simulation and experimental studies of a rate-adaptive digital subscriber loop (RA transmission method

Shen, A.; Grover, W.D.; Krzymien, W.A.;

Communications, Computers and Signal Processing, 1989. Conference Proceeding., IEI

Pacific Rim Conference on

1-2 June 1989 Page(s):36 - 39

Digital Object Identifier 10.1109/PACRIM.1989.48300

AbstractPlus | Full Text: PDF(412 KB) | IEEE CNF

Rights and Permissions

85. Jitter analysis for DS-3 to SONET interface circuit with reduced complexity

Moore, T.E.; Brown, J.J.; Krzymien, W.A.;

Communications, Computers and Signal Processing, 1989, Conference Proceeding., IEI

Pacific Rim Conference on

1-2 June 1989 Page(s):435 - 438

Digital Object Identifier 10.1109/PACRIM.1989.48395

AbstractPlus | Full Text: PDF(388 KB) IEEE CNF

Rights and Permissions

86. A simulation study of DS3 waiting time jitter accumulation in SONET

Moore, T.E.; Krzymien, W.A.;

Global Telecommunications Conference, 1991. GLOBECOM '91. Countdown to the Nev

Millennium. Featuring a Mini-Theme on: Personal Communications Services

2-5 Dec 1991 Page(s):1855 - 1859 vol.3

Digital Object Identifier 10.1109/GLOCOM.1991.188683

AbstractPlus | Full Text: PDF(492 KB) IEEE CNF

Rights and Permissions

87. Combined framing and FEC coding for digital multiplex signals

Cheung, M.Y.; Grover, W.D.; Krzymien, W.A.; Communications, Computers and Signal Processing, 1991., IEEE Pacific Rim Conference 9-10 May 1991 Page(s):205 - 210 vol.1 Digital Object Identifier 10.1109/PACRIM.1991.160716 AbstractPlus | Full Text: PDF(560 KB) IEEE CNF

88. Background data service for cellular mobile radio

Rights and Permissions

Grover, W.D.; Krzymien, W.A.; Chin, J.C.; Vehicular Technology Conference, 1993 IEEE 43rd 18-20 May 1993 Page(s):766 - 769 Digital Object Identifier 10.1109/VETEC.1993.508804 AbstractPlus | Full Text: PDF(376 KB) IEEE CNF Rights and Permissions

89. Adaptive soft-decision feedback equalization for indoor radio communications us trellis-coded CPFSK

> Zhuang, W.; Goud, P.A.; Krzymien, W.A.; Vehicular Technology Conference, 1994 IEEE 44th 8-10 June 1994 Page(s):1364 - 1368 vol.2 Digital Object Identifier 10.1109/VETEC.1994.345317 AbstractPlus | Full Text: PDF(380 KB) IEEE CNF Rights and Permissions

> > View: 1-25 | 26-50 | 51-75

Help Contact Us Privacy & Security © Copyright 2006 IEEE - All Rights

Indexed by 可 Inspec*



Home | Login | Logout | Access Information | Alerts | Sitemap

Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPOF

Results for "(sang hyun lee<in>au)"

Your search matched 18 of 1431298 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

☑e-mail 🖶 printer

Search >

» Search Options

View Session History

New Search

» Key

IEEE JNL

IEEE Journal or

Magazine

IEE JNL

IEE Journal or Magazine

IEEE CNF

IEEE Conference Proceeding

IEE CNF IEE Conference

Proceeding

IEEE STD IEEE Standard

Modify Search

(sang hyun lee<in>au)

Check to search only within this results set

view selected items Select All Deselect All

1. A 1.2-V-only 900-mW 10 gb ethernet transceiver and XAUI interface with robust VC tuning technique

Hyung-Rok Lee; Moon-Sang Hwang; Bong-Joon Lee; Young-Deok Kim; Dohwan Oh; Ja

Kim; Sang-Hyun Lee; Deog-Kyoon Jeong; Kim, W.;

Solid-State Circuits, IEEE Journal of

Volume 40, Issue 11, Nov. 2005 Page(s):2148 - 2158

Digital Object Identifier 10.1109/JSSC.2005.857360

AbstractPlus | Full Text: PDF(2384 KB) | IEEE JNL

Rights and Permissions

2. Development and characterization of sheath alloys for Bi-(Pb)-Sr-Ca-Cu-O superconductor tape

Tae-Woo Kim; Jinho Joo; Wansoo Nah; Kaimoo Yoo; Sang-Hyun Lee;

Applied Superconductivity, IEEE Transactions on Volume 10, Issue 1, March 2000 Page(s):1186 - 1189

Digital Object Identifier 10.1109/77.828446

AbstractPlus | Full Text: PDF(216 KB) IEEE JNL

Rights and Permissions

3. A 5-Gb/s 0.25-/spl mu/m CMOS jitter-tolerant variable-interval oversampling clock/ recovery circuit

Sang-Hyun Lee; Moon-Sang Hwang; Youngdon Choi; Sungjoon Kim; Yongsam Moon; B

Joon Lee; Deog-Kyoon Jeong; Wonchan Kim; Young-June Park; Gijung Ahn; Solid-State Circuits, IEEE Journal of

Volume 37, Issue 12, Dec. 2002 Page(s):1822 - 1830 Digital Object Identifier 10.1109/JSSC.2002.804342

AbstractPlus | References | Full Text: PDF(739 KB) | IEEE JNL

Rights and Permissions

4. A 2.5-10-Gb/s CMOS transceiver with alternating edge-sampling phase detection for Г characteristic stabilization

Bong-Joon Lee; Moon-Sang Hwang; Sang-Hyun Lee; Deog-Kyoon Jeong;

Solid-State Circuits, IEEE Journal of

Volume 38, Issue 11, Nov. 2003 Page(s):1821 - 1829

Digital Object Identifier 10.1109/JSSC.2003.818290

AbstractPlus | References | Full Text: PDF(1892 KB) | IEEE JNL

Rights and Permissions

A divide-by-16.5 circuit for 10-gb ethernet transceiver in 0.13-/spl mu/m CMOS

Yongsam Moon; Sang-Hyun Lee; Shim, D.;

Solid-State Circuits, IEEE Journal of

Volume 40, Issue 5, May 2005 Page(s):1175 - 1179 Digital Object Identifier 10.1109/JSSC.2005.845994

AbstractPlus | References | Full Text: PDF(1112 KB) | IEEE JNL Rights and Permissions

6. Collision prediction at intersection in sensor network environment

Oje Kwon; Sang-Hyun Lee; Joon-Seok Kim; Min-Soo Kim; Ki-Joune Li: Intelligent Transportation Systems, 2006. Proceedings. 2006 IEEE Sept. 17-20, 2006 Page(s):982 - 987

AbstractPlus | Full Text: PDF(348 KB) IEEE CNF Rights and Permissions

7. Design of an LDPC code with low error floor

Sang Hyun Lee; Kwang Soon Kim; Jae Kyun Kwon; Yun Hee Kim; Jae Young Ahn; Information Theory, 2005. ISIT 2005. Proceedings. International Symposium on 4-9 Sept. 2005 Page(s):990 - 994

Digital Object Identifier 10.1109/ISIT.2005.1523486

AbstractPlus | Full Text: PDF(224 KB) IEEE CNF Rights and Permissions

8. Micro-Brush Press-On Contact: A New Technique for Room Temperature Electrica **Mechanical Attachment**

Sang-Hyun Lee; Junseok Chae; Yazdi, N.; Najafi, K.;

Micro Electro Mechanical Systems, 2006. MEMS 2006 Istanbul. 19th IEEE International Conference on

22-26 Jan. 2006 Page(s):342 - 345

AbstractPlus | Full Text: PDF(904 KB) | IEEE CNF Rights and Permissions

9. Transient liquid phase (TLP) bonding for microsystem packaging applications

Welch, W., III; Junseok Chae; Sang-Hyun Lee; Yazdi, N.; Najafi, K.; Solid-State Sensors, Actuators and Microsystems, 2005. Digest of Technical Papers. TRANSDUCERS '05. The 13th International Conference on Volume 2, 5-9 June 2005 Page(s):1350 - 1353 Vol. 2 Digital Object Identifier 10.1109/SENSOR.2005.1497331

AbstractPlus | Full Text: PDF(265 KB) | IEEE CNF Rights and Permissions

10. Circuit techniques for a 40Gb/s transmitter in 0.13/spl mu/m CMOS

Jaeha Kim; Jeong-Kyoum Kim; Bong-Joon Lee; Moon-Sang Hwang; Hyung-Rok Lee; Sa Hyun Lee; Namhoon Kim; Deog-Kyoon Jeong; Wonchan Kim;

Solid-State Circuits Conference, 2005. Digest of Technical Papers. ISSCC. 2005 IEEE International

6-10 Feb. 2005 Page(s):150 - 589 Vol. 1

Digital Object Identifier 10.1109/ISSCC.2005.1493913

AbstractPlus | Full Text: PDF(1312 KB) | Multimedia IEEE CNF Rights and Permissions

11. Low-power thermal isolation for environmentally resistant microinstruments

Sang-Hyun Lee; Junseok Chae; Sangwon Yoon; Navid Yazdi; Khalil Najafi; Micro Electro Mechanical Systems, 2005. MEMS 2005. 18th IEEE International Confere 30 Jan.-3 Feb. 2005 Page(s):532 - 535

Digital Object Identifier 10.1109/MEMSYS.2005.1453984

AbstractPlus | Full Text: PDF(277 KB) IEEE CNF

Rights and Permissions

Г A fully integrated 0.13 /spl mu/m CMOS 10 Gb Ethernet transceiver with XAUI inter

Hyung-Rok Lee; Moon-Sang Hwang; Bong-Joon Lee; Young-Deok Kim; Dohwan Oh; Ja Kim; Sang-Hyun Lee; Deog-Kyoon Jeong; Wonchan Kim;

Solid-State Circuits Conference, 2004. Digest of Technical Papers. ISSCC. 2004 IEEE International

15-19 Feb. 2004 Page(s):170 - 520 Vol.1

Digital Object Identifier 10.1109/ISSCC.2004.1332648

AbstractPlus | Full Text: PDF(809 KB) | Multimedia IEEE CNF

Rights and Permissions

13. A 2.5-10Gb/s CMOS transceiver with alternating edge sampling phase detection for Г characteristic stabilization

Bong-Joon Lee; Moon-Sang Hwang; Sang-Hyun Lee; Deog-Kyoon Jeong;

Solid-State Circuits Conference, 2003. Digest of Technical Papers. ISSCC. 2003 IEEE International

2003 Page(s):76 - 479 vol.1

Digital Object Identifier 10.1109/ISSCC.2003.1234214

AbstractPlus | Full Text: PDF(1204 KB) | Multimedia IEEE CNF

Rights and Permissions

14. A trellis-based algorithm for the realization of FIR filters for multi-mode receivers

Sang Hyun Lee; Kwang Soon Kim; Kyung Hi Chang;

Signal Processing and Its Applications, 2003. Proceedings. Seventh International Sympo <u>on</u>

Volume 2, 1-4 July 2003 Page(s):259 - 262 vol.2

Digital Object Identifier 10.1109/ISSPA.2003.1224863

AbstractPlus | Full Text: PDF(352 KB) IEEE CNF

Rights and Permissions

15. Measurement of thermal conductivity of chalcogenide As/sub 2/S/sub 3/ thin films 3-omega method

Sok-Won Kim; Hyojung Yu; Chang-Ho Kang; Sang Hyun Lee; Jong Chul Kim;

Science and Technology, 2003. Proceedings KORUS 2003. The 7th Korea-Russia Interi

Volume 3, 28 June-6 July 2003 Page(s):3 - 8 vol.3

AbstractPlus | Full Text: PDF(627 KB) IEEE CNF

Rights and Permissions

16. An LDPC-coded spatial multiplexing OFDMA system with iterative demodulation a decoding

Yun Hee Kim; Kwang Soon Kim; Sang Hyun Lee; KyungHi Chang;

Vehicular Technology Conference, 2003. VTC 2003-Spring. The 57th IEEE Semiannual

Volume 3, 22-25 April 2003 Page(s):1886 - 1889 vol:3

AbstractPlus | Full Text: PDF(367 KB) IEEE CNF

Rights and Permissions

17. A 5 Gb/s 0.25 µm CMOS jitter-tolerant variable-interval oversampling clock/data re

Sang-Hyun Lee; Moon-Sang Hwang; Youngdon Choi; Sungjoon Kim; Yongsam Moon; E Joon Lee; Deog-Kyoon Jeong; Wonchan Kim; Young June Park; Gi-Jung Ahn;

Solid-State Circuits Conference, 2002. Digest of Technical Papers. ISSCC. 2002 IEEE

International

Volume 1, 3-7 Feb. 2002 Page(s):256 - 465 vol.1

Digital Object Identifier 10.1109/ISSCC.2002.993033

AbstractPlus | Full Text: PDF(421 KB) IEEE CNF

Rights and Permissions

18. A 5Gb/s 0.25/spl mu/m CMOS jitter-tolerant variable-interval oversampling clock/d. Г recovery circuit

Sang-Hyun Lee; Moon-Sang Hwang; Youngdon Choi; Sungioon Kim; Yongsam Moon; E Joon Lee; Deog-Kyoon Jeong; Wonchan Kim; Young June Park; Gi-Jung Ahn;

Solid-State Circuits Conference, 2002. Digest of Technical Papers. ISSCC. 2002 IEEE International

Volume 2, Feb 3-7, 2002 Page(s):206 - 474

AbstractPlus | Full Text: PDF(422 KB) | IEEE CNF

Rights and Permissions

Indexed by ল্ল Inspec*

Help Contact Us Privacy & Security © Copyright 2006 IEEE - All Rights



Home | Login | Logout | Access Information | Alerts | Sitemat

Welcome United States Patent and Trademark Office

☐ Author Search

BROWSE

SEARCH

Select a name to view articles written by that author

IEEE XPLORE GUIDE

SUPPO

(E) OPTION 1

Quick Find an Author:

Enter a name to locate articles written by that author.

soo-jung

Soo-Jung Kim

Example: Enter Lockett S to obtain a list of authors with the last name Lockett and the first initial S.

6

OPTION 2

Browse alphabetically

Select a letter from the list.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

indexed by ज्ञे Inspec° Help Contact Us Privacy & Security

© Copyright 2006 IEEE - All Rights



Home | Login | Logout | Access Information | Alerts | Sitemap

Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPOF

Results for "(kyung hi chang<in>au)"
Your search matched 17 of 1431298 documents.

⊠e-mail 🖶 printer

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

» Key

IEEE JNL IEEE Journal or

Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference

Proceeding

IEE CNF IEE Conference

Proceeding

IEEE STD IEEE Standard

Modify Search

(kyung hi chang<in>au)

∠ view selected items

Search >

Check to search only within this results set

1. Finite word-length effects of pipelined recursive digital filters

Select All Deselect All

Kyung Hi Chang; Bliss, W.G.;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Proce

IEEE Transactions on]

Volume 42, Issue 8, Aug. 1994 Page(s):1983 - 1995

Digital Object Identifier 10.1109/78.301837

AbstractPlus | Full Text: PDF(1040 KB) IEEE JNL

Rights and Permissions

2. Limit cycle behavior of pipelined recursive digital filters

Kyung Hi Chang; Bliss, W.G.;

Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on [se

Circuits and Systems II: Express Briefs, IEEE Transactions on]

Volume 41, Issue 5, May 1994 Page(s):351 - 355

Digital Object Identifier 10.1109/82.287006

AbstractPlus | Full Text: PDF(440 KB) | IEEE JNL

Rights and Permissions

Optimal PN sequence design for quasisynchronous CDMA communication system

Xu Duan Lin; Kyung Hi Chang;

Communications, IEEE Transactions on

Volume 45, Issue 2, Feb. 1997 Page(s):221 - 226

Digital Object Identifier 10.1109/26.554370

AbstractPlus | References | Full Text: PDF(308 KB) | IEEE JNL

Rights and Permissions

4. Improved clustered look-ahead pipelining algorithm with minimum order augment

Kyung Hi Chang;

Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Proce

IEEE Transactions on]

Volume 45, Issue 10, Oct. 1997 Page(s):2575 - 2579

Digital Object Identifier 10.1109/78.640722

AbstractPlus | References | Full Text: PDF(156 KB) | IEEE JNL

Rights and Permissions

5. An adaptive data predistorter for compensation of nonlinear distortion in OFDM sy

Won Gi Jeon; Kyung Hi Chang; Yong Soo Cho;

Communications, IEEE Transactions on

Volume 45, Issue 10, Oct. 1997 Page(s):1167 - 1171

Digital Object Identifier 10.1109/26.634677

AbstractPlus | References | Full Text: PDF(136 KB) | IEEE JNL

Rights and Permissions

6. An equalization technique for orthogonal frequency-division multiplexing systems time-variant multipath channels

Won Gi Jeon; Kyung Hi Chang; Yong Soo Cho;

Communications, IEEE Transactions on

Volume 47, Issue 1, Jan. 1999 Page(s):27 - 32

Digital Object Identifier 10.1109/26.747810

AbstractPlus | References | Full Text: PDF(188 KB) | IEEE JNL

Rights and Permissions

7. Robust timing & frequency synchronization techniques for OFDM-FDMA systems

Jung Ju Kim; Jung Ho Noh; Kyung Hi Chang;

Signal Processing Systems Design and Implementation, 2005. IEEE Workshop on

2-4 Nov. 2005 Page(s):716 - 719

Digital Object Identifier 10.1109/SIPS.2005.1579958

AbstractPlus | Full Text: PDF(387 KB) | IEEE CNF

Rights and Permissions

8. A trellis-based algorithm for the realization of FIR filters for multi-mode receivers

Sang Hyun Lee; Kwang Soon Kim; Kyung Hi Chang;

Signal Processing and Its Applications, 2003. Proceedings. Seventh International Sympo

<u>on</u>

Volume 2, 1-4 July 2003 Page(s):259 - 262 vol.2

Digital Object Identifier 10.1109/ISSPA.2003.1224863

AbstractPlus | Full Text: PDF(352 KB) IEEE CNF Rights and Permissions

9. A MIMO-OFDM technique for high-speed mobile channels

Kyung Won Park; Eun Sun Choi; Kyung Hi Chang; Yong Soo Cho;

Vehicular Technology Conference, 2003. VTC 2003-Spring. The 57th IEEE Semiannual

Volume 2, 22-25 April 2003 Page(s):980 - 983 vol.2

Digital Object Identifier 10.1109/VETECS.2003.1207772

AbstractPlus | Full Text: PDF(336 KB) | IEEE CNF

Rights and Permissions

10. Convergence behavior of TRB algorithms in wideband CDMA systems

Kapseok Chang; Kyung Hi Chang; Youngnam Han;

TENCON 99. Proceedings of the IEEE Region 10 Conference

Volume 1, 15-17 Sept. 1999 Page(s):554 - 557 vol.1 Digital Object Identifier 10.1109/TENCON.1999.818474

Digital Object Identifier 10.1109/1ENCON.1999.6164/2

AbstractPlus | Full Text: PDF(300 KB) IEEE CNF

Rights and Permissions

11. Chip-level 2-D RAKE receiver with symbol-level searcher beamforming

Kyung Hi Chang; In Soo Sohn; Kap Seok Chang;

Vehicular Technology Conference, 1999. VTC 1999 - Fall. IEEE VTS 50th

Volume 2, 19-22 Sept. 1999 Page(s):924 - 928 vol.2

AbstractPlus | Full Text: PDF(365 KB) | IEEE CNF

Rights and Permissions

12. Chip-level beamforming vs. symbol-level beamforming in coherent CDMA adaptive antenna array systems

Kyung Hi Chang; Hyung Rae Park;

Communications, 1999. ICC '99. 1999 IEEE International Conference on

Volume 3, 6-10 June 1999 Page(s):1588 - 1592 vol.3

Digital Object Identifier 10.1109/ICC.1999.765493

AbstractPlus | Full Text: PDF(368 KB) | IEEE CNF

Rights and Permissions

13. An equalization technique for OFDM and MC-CDMA in a time-varying multipath fac

Won Gi Jeon; Kyung Hi Chang; Yong Soo Cho;

Acoustics, Speech, and Signal Processing, 1997. ICASSP-97., 1997 IEEE International Conference on

Volume 3, 21-24 April 1997 Page(s):2529 - 2532 vol.3 Digital Object Identifier 10.1109/ICASSP.1997.599632

AbstractPlus | Full Text: PDF(312 KB) | IEEE CNF

Rights and Permissions

14. Performance analysis of wavelet-based MC-CDMA for FPLMTS/IMT-2000

Kyung Hi Chang; Xu Duan Lin; Mun Geon Kyeong;

<u>Spread Spectrum Techniques and Applications Proceedings, 1996., IEEE 4th Internation Symposium on</u>

Volume 3, 22-25 Sept. 1996 Page(s):1356 - 1360 vol.3 Digital Object Identifier 10.1109/ISSSTA.1996.563615

AbstractPlus | Full Text: PDF(440 KB) IEEE CNF

Rights and Permissions

15. Structures and performance analysis of digital Nyquist FIR filters in indoor environ

Kyung Hi Chang; In Kang; Choong II Yeh;

Spread Spectrum Techniques and Applications Proceedings, 1996., IEEE 4th Internation Symposium on

Volume 2, 22-25 Sept. 1996 Page(s):683 - 687 vol.2 Digital Object Identifier 10.1109/ISSSTA.1996.563212

AbstractPlus | Full Text: PDF(420 KB) IEEE CNF

Rights and Permissions

16. System-level verification of CDMA modem ASIC

Gyeong Lyong Park; Kyung Hi Chang; Jaeseok Kim; Kyungsoo Kim; Design Automation Conference, 1995. Proceedings of the ASP-DAC '95/CHDL '95/VLSI IFIP International Conference on Hardware Description Languages; IFIP International Conference on Very Large Scale Integration., Asian and South Pacific

29 Aug.-1 Sept. 1995 Page(s):177 - 182

Digital Object Identifier 10.1109/ASPDAC.1995.486220

AbstractPlus | Full Text: PDF(440 KB) IEEE CNF

Rights and Permissions

17. Pipelined recursive digital filters: clustered look-ahead and scattered look-ahead techniques

Kyung Hi Chang; Jinwoong Kim;

Circuits and Systems, 1994. ISCAS '94., 1994 IEEE International Symposium on

Volume 2, 30 May-2 June 1994 Page(s):89 - 92 vol.2 Digital Object Identifier 10.1109/ISCAS.1994.408912

AbstractPlus | Full Text: PDF(236 KB) IEEE CNF

Rights and Permissions

Help Contact Us Privacy & Security

© Copyright 2006 IEEE – All Rights

indexed by 可 Inspec®



Library

Witold A. Krzymien

ScientistLab: Edmontont: (780)441-3811e:

Publications:

- 1. Kevin R. Jacobson and Witold A. Krzymien, "Realistic Throughput of Cellular Multi-Hop Relay Networks With Spatial Reuse", WPMC 2006, San Diego, CA, pp. 966-970, September 17-20, 2006.
- 2. K.R. Jacobson and W.A. Krzymien, "Cell Dimensioning and Network Throughput in Cellular Multi-Hop Relay Networks", Proceedings of the Vehicular Technology Conference, Fall 2006 (VTC '06), Montreal, PQ, September 2006.
- 3. Geoffrey G. Messier and Witold A. Krzymien, "Performance of Turbo Coding With Improved Interference Estimation on the CDMA Space Time Transmit Diversity Forward Link", IEEE Transactions on Vehicular Technology, Vol. 55, No. 3, pp. 1074-1079, May 2006.
- 4. Robert Novak (supervisor: Dr. Witold A. Krzymien), "Adaptive Spread Spectrum OFDM High Throughput Cellular Data Systems", Ph.D. Thesis, Department of Electrical & Computer Engineering, University of Alberta, January 2006.
- 5. Geoffrey G. Messier and Witold A. Krzymien, "Improved Channel Decoding for the CDMA Forward Link Chip-Level LMMSE Receiver", IEEE Transactions on Vehicular Technology, Vol. 55, No. 1, pp. 405-410, January 2006.
- 6. Yu Fu, Chintha Tellambura, and Witold A. Krzymien, "Non-Linear Limited-Feedback Precoding for ICI Reduction in Closed-Loop Multiple-Antenna OFDM Systems", Proceedings of IEEE GLOBECOM 2005, St. Louis, USA, No. WC21-4, November 2005.
- 7. Chunlong Bai, Bartosz Mielczarek, Ivan J. Fair and Witold A. Krzymien , "Improved Analysis of List Decoding and Its Application to Convolutional Codes", Proceedings of IEEE GLOBECOM 2005, St. Louis, USA, No. GC12-2, November 2005.
- 8. David Mazzarese (supervisors: Dr. Ivan Fair and Dr. Witold A. Krzymien), "High Throughput Wireless Downlink Packet Data Access with Multiple Antennas and Multi User Diversity", Ph.D. Thesis, Department of Electrical and Computer Engineering, University of Alberta, October 2005.
- 9. Chunlong Bai, Bartosz Mielczarek, Witold A. Krzymien, Ivan J. Fair, "Sub-Block Recovery Scheme for Iterative Decoding of Turbo Codes", Proceedings of IEEE 62nd Semi-annual Vehicular Technology Conference (VTC '05 Fall), Dallas, Texas, USA, October 2005.
- 10. Jia Liu, Witold A. Krzymien, "A Null Space Constraint Based Block Tomlinson-Harashima Precoding Technique for the Multi-User MIMO Downlink", 2005 IEEE Pacific Rim Conference on Communications Computers and Signal Processing (PACRIM'05), Victoria, BC, pp. 61-64, September 2005.
- 11. Shreeram Sigdel, Witold A. Krzymien, "Performance of MIMO Spatial Multiplexing Systems with Transmit Antenna Selection on Frequency Selective Fading Channels", International Conference on Wireless Communications 2005 (Wireless 2005), Calgary, AB, A-5, pp. 29-38, July 11-13, 2005.
- 12. Boon Chin Lim, Christian Schlegel, Witold A. Krzymien, "Antenna Selection and Power Allocation for Transmit Channel-Inversion Beamforming Under Poor Channel Conditions", International Conference on Wireless Communications 2005, Calgary, AB, pp F-4:202-217, July 11-13, 2005.
- 13. Kevin R. Jacobson, Witold A. Krzymien, "Minimizing Co-Channel Interference in Wireless Relay Networks", International Conference on Wireless Communications (Wireless'05),

- Calgary, AB, pp. 339-346, July 11-13, 2005.
- 14. Yu Fu, Witold A. Krzymien, Chintha Tellambura, "Multiuser and Intercarrier Interference Suppression in OFDM Downlink", 2005 IEEE International Workshop on Convergent Technologies (IWCT'05), Oulu, Finland, 5 pgs., June 2005.
- 15. David J. Mazzarese, Witold A. Krzymien, "Design Rules for Efficient Scheduling of Packet Data on Multiple Antenna Downlink", 14th IST Wireless and Mobile Communications Summit (IST 2005), Dresden, Germany. Vol. 1, No. 1, June 2005.
- 16. Bartosz Mielczarek and Witold Krzymien, <u>"Soft Parallel Decoding of Per-Antenna-Coded MIMO Systems"</u>, 2005 IEEE International Conference on Communications (ICC'05), Seoul, Korea, pp. 2256-2260, May 2005.
- Gabriele Dona, Witold A. Krzymien, "MMSE Channel Estimation Using Two-Dimensional Filtering in Rapid Time-Variant Environments", Proceedings of 2005 IEEE Vehicular Technology Conference (VTC'05-Spring), Stockholm, Sweden, pp. 490-494, May 2005.
- Bartosz Mielczarek and Witold Krzymien, "Flexible Channel Feedback Quantization in Multiple Antenna Systems", Proceedings of 2005 IEEE Vehicular Technology Conference (VTC'05-Spring), Stockholm, Sweden, pp. 1788-1792, May 2005.
- 19. Yu Fu, Witold A. Krzymien, Chintha Tellambura, "Transmitter Precoding for ICI Reduction in OFDM Systems", Proceedings of the 2005 IEEE Vehicular Technology Conference (VTC'05-Spring), Stockholm, Sweden, pp. 1788-1792, May 2005.
- Jia Liu, Witold A. Krzymien, <u>"A Novel Nonlinear Precoding Algorithm for the Downlink of Multiple Antenna Multi-User Systems"</u>, Vehicular Technology Conference 2005 (VTC'05), Stockholm, Sweden, May 2005.
- 21. Chunlong Bai, Witold A. Krzymien, Ivan J. Fair, Barosz Mielczarek, "Analysis of a Sub-Block Recovery Scheme for Decoding a Concatenated Error Control Code", Proceedings of IEEE 61st Semi-annual Vehicular Technology Conference (VTC '05 Spring), Stockholm, Sweden, May 2005.
- 22. Geoffrey G. Messier, Witold A. Krzymien, "Improving channel Decoder Performance on the CDMA Forward Link", IEEE Transactions on Wireless Communications, vol.4, no.3, pp 1064-1072, May 2005.
- 23. Anthony C.K. Soong, Witold A. Krzymien, Young C. Yoon, <u>"CDMA2000 Evolution: 1x EV-DV"</u>, Guest Editorial for the Special Feature Topic, IEEE Communications Magazine, pp. 34-35, April 2005.
- 24. Robert Novak, Witold A. Krzymien, "<u>Diversity Combining Options for Spread Spectrum OFDM Systems in Frequency"</u>, Proceedings of Wireless Communications and Networking Conference (WCNC'05), New Orleans, LA, USA, pp 308-314, March 2005.
- 25. Jia Liu, Witold A. Krzymien, "Improved Tomlinson-Harashima Precoding for the Downlink of Multiple Antenna Multi-User Systems", 2005 IEEE Wireless Communications and Networking Conference (WCNC '05), pp 466-472, March 2005.
- 26. Eric Haas, Witold A. Krzymien, "Coherent OFDM Receiver with Two-dimensional Decision-feedback Pilot and Data Symbol Correction", Proceedings of the 9th International OFDM Workshop, (OFDM '04), Dresden, Germany, September 2004.
- 27. Shreeram Sigdel, Witold A. Krzymien, "Performance of Cellular MIMO Spatial Multiplexing Downlink Systems with Transmit Antenna Selection", Proceedings of IEEE WPMC 2004, Aalborg, Denmark, pp 624-628, September 2005.
- 28. E. Haas, B. Mielczaarek, W.A. Krzymien, "Improved Channel Estimation Methods for Turbo Coded OFDM Systems", Proceedings of the IEEE Wireless Personal Media Communications (WPMC'04), Abano Terme, Italy, vol. 3, pp 392-396, September 2004.
- 29. C. Bai, B. Mielczarek, W.A. Krzymien and I.J. Fair, "Efficient List Decoding for Parallel Concatenated Convolutional Codes", 15th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), Barcelona, Spain, September 5, 2004.
- 30. Erik Haas, Witold Krzymien, "Improved MC-CDMA Reception Employing Two-Dimensional Decision-Feedback Pilot and Data Symbol Correction", International Symposium on Spread Spectrum Techniques and Applications, (ISSSTA 2004), Sydney, Australia, pp 56-60, August 30-September 2, 2004.
- 31. B. Mielczarek, W.A. Krzymien, <u>"Throughput of Realistic Multi-User MIMO-OFDM Systems"</u>, International Symposium on Spread Spectrum Techniques and Applications, Sydney, Australia, pp 434-438, September 2004.
- 32. Geoffrey Messier (supervisor: Dr. Witold Krzymien), "Techniques for Improved CDMA Forward Link Performance", Ph.D. Thesis, The University of Alberta, August 2004.

- 33. S. Sigdel, W.A. Krzymien, "Performance of Interference Limited MIMO Downlink Systems with Transmit Antenna Selection", Wireless 2004 proceedings, Calgary, Alberta, pp. 22-34, July 12-14, 2004.
- 34. B. Mielczarek, W. Krzymien, <u>"Throughput of Heterogeneous Multi-User MIMO-OFDM Systems"</u>, Wireless 2004 proceedings, Calgary, Alberta, pp. 215-224, July 12-14, 2004.
- 35. Yu Fu, Chintha Tellambura, Witold A. Krzymien, "Intercarrier Interference Reduction for OFDM with Transmit Diversity", Proceedings of the 16th International Conference on Wireless Communications (Wireless 2004), Calgary, Alberta, pp 88-96, July 12-14, 2004.
- 36. Robert Hang, Christian Schlegel, Witold A. Krzymien, Paul Goud Jr., "A Robust Timing Recovery Algorithm for Spread-Spectrum Packet Radio Systems", Proceedings of the 16th International Conference on Wireless Communications (Wireless 2004), Calgary, Alberta, pp 446-463, July 12-14, 2004.
- 37. J. Liu, W.A. Krzymien, "Signal Detection and Pre=Processing Algorithms in Layered Space-Time Multiple Input Multiple Output Antenna Systems", Wireless 2004 proceedings, Calgary, AB, pp 9-21, July 12-14, 2004.
- 38. D.J. Mazzarese and W.A. Krzymien, "Space-Time Linear Processing and Scheduling for the Cellular Downlink", 13th IST Wireless and Mobile Communications Summit (IST 2004), Lyon, pp 85-90, June 27, 2004.
- B. Mielczarek and W.A. Krzymien, "Convergence Focused Construction of Hybrid ARQ Systems with Turbo Codes", IEEE Intl. Conference on Communications 2004 (ICC '04), June 2004.
- 40. G.G. Messier, W.A. Krzymien, "A New MAP Channel Decoder Trellis Path Metric for a CDMA Mobile Subject to Channel Estimation Errors", Proc. 2004 IEEE International Conference on Communications (ICC'04), Paris, France, pp. 2879-2883, June 2004.
- 41. D.J. Mazzarese and W.A. Krzymien, "Linear Space-Time Transmitter and Receiver Processing and Scheduling for the MIMO Broadcast Channel", IEEE Semiannual Vehicular Technology Conference (VTC '04-Spring), Milan, Italy, May 17-19, 2004.
- 42. Robert Novak, Witold A. Krzymien, "Efficient Packet Data Service in a Spread Spectrum OFDM Cellular System with 2-Dimensional Radio Resource Allocation", European Transactions on Telecommunications; Special Issue on Multi-Carrier Spread-Spectrum, Vol. 15, Issue 5, pp 185-199, May/June 2004.
- 43. Ge Li, Witold A. Krzymien, Ivan J. Fair, "Quasi-Regular LDPC Codes for Space-Time Wireless Transmission", Proceedings 2004 IEEE Wireless Communications and Networking Conference, Atlanta, USA, pp 2416-2421, March 2004.
- 44. Robert C. Elliott, Witold A. Krzymien, <u>"Scheduling Algorithms for High-throughput Packet Data Service in Cellular Radio Systems"</u>, Canadian Journal of Electrical & computer Engineering, Special Issue on Cellular Radio Systems, Vol. 29, No. 1/2, pp. 117-127, January/April 2004.
- 45. Paul Goud Jr., Christian Schlegel, Witold A. Krzymien, Robert Hang, "Multiple Antenna Communications Systems An Emerging Technology", Canadian Journal of Electrical & Computer Engineering, Special Issue on Advances in Wireless Communications and Networking, Vol. 29, No. 1/2, pp. 51-59, January/April 2004.
- 46. Robert C. Elliott (supervisor: Dr. Witold Krzymien), "Scheduling Algorithms for High Throughput Packet Data Service in Cellular Radio Systems", M.Sc. Thesis, Department of Electrical and Computer Engineering, University of Alberta, October 2003.
- 47. R. Novak, W.A. Krzymien, "Packet Re-Transmission Options for the SS-OFDM-F/TA System", Fourth International Workshop on Multi-Carrier Spread Spectrum & Related Topics (MC-SS 2003), Oberpfaffenhofen, Germany, pp. 89-100, September 17-19, 2003.
- 48. G. Li, W.A. Krzymien, I.J. Fair, "LDPC Coded Systems with D-BLAST Structure", IEEE Pacific RIM Conference on Communications, Computers and Signal Processing, Victoria, BC, pp. 510-513, August 28-30, 2003.
- 49. D.J. Mazzarese, W.A. Krzymien, "Throughput Maximization and Optimal Number of Active Users on the Two Transmit Antenna Downlink of a Cellular System", IEEE Pacific RIM Conference on Communications, Computers and Signal Processing, Victoria, BC, pp. 498-501, August 28-30, 2003.
- 50. P. Goud Jr., C. Schlegel, W.A. Krzymien, R. Hang, Z. Bagley, S. Messerly, M. Nham, V. Rajamani, "Indoor MIMO Channel Measurements Using Dual Polarized Patch Antenna", IEEE Pacific RIM Conference on Communications, Computers and Signal Processing, Victoria, BC, pp. 752-755, August 28-30, 2003.

- 51. Carlos Rentel-Gomez (supervisor: Dr. Witold A. Krzymien), "Performance Evaluation of High Bit Rate Cellular packet Data Systems", M.Sc. Thesis, Department of Electrical and Computer Engineering, University of Alberta, July 2003.
- 52. P. Goud Jr., C. Schlegel, R. Hang, W.A. Krzymien, Z. Bagley, S. Messerly, P. Watkins, V. Rajamani, "MIMO Channel Measurements for an Indoor Office Environment", Wireless 2003 proceedings, Calgary, Alberta, pp. 423-427, July 7-9, 2003.
- 53. G.G. Messier, W.A. Krzymien, "Implementing Channel Codes with the CDMA Forward Link Chip Level LMMSE Receiver", Wireless 2003 proceedings, Calgary, Alberta, pp. 411-417, July 7-9, 2003.
- 54. G. Li, I.J. Fair, W.A. Krzymien, "Analysis of Nonbinary LDPC Codes Using Gaussian Approximation", IEEE International Symposium on Information Theory (ISIT2003), Yokohama, Japan, pp. 234, June 29-July 4, 2003.
- 55. G.G. Messier, W.A. Krzymien, "Estimation of In-Cell and Out-of-Cell Interference Levels for Improved CDMA Forward Link Error Correction", IEEE International Conference on Communications (ICC 2003), Anchorage, Alaska, USA, Vol. 1, pp. 368-372, May 2003.
- 56. K.W. Ang, W.A. Krzymien, "Performance of the Multi-Stage Variable Group Hybrid Interference Cancellation Scheme with Timing and Phase Errors", IEEE 57th Vehicular Technology Conference (VTC2003-spring), Jeju, Korea, pp. 1904-1909, April 2003.
- 57. R. Novak, W.A. Krzymien, "SS-OFDM-F/TA System Packet Size and Structure for High Mobility Cellular Environments", IEEE 57th Vehicular Technology Conference (VTC2003-spring), Jeju, Korea, pp. 1438-1444, April 2003.
- 58. D.J. Mazzarese and W.A. Krzymien, "High Throughput Downlink Cellular Packet Data Access with Multiple Antennas and Multiuser Diversity", IEEE 57th Vehicular Technology Conference (VTC2003-spring), Jeju, Korea, pp. 1079-1083, April 2003.
- 59. G.G. Messier, W.A. Krzymien, <u>"A Coloured Gaussian Model for CDMA Forward Link In-Cell Interference"</u>, IEEE 57th Vehicular Technology Conference (VTC2003-Spring), Jeju, Korea, Vol. 3, pp. 2052-2056, April 2003.
- 60. R. Hang, W.A. Krzymien, C.L. Despins, <u>"Improved MAC Protocol for Reverse Link Packet Data Transmission in Wideband DS-CDMA"</u>, IEEE Transactions on Wireless Communications, Vol. 2, No. 1, pp. 162-174, January 2003.
- 61. G.G. Messier, W.A. Krzymien, "Improved Forward Link Error Correction for CDMA Systems with Space Time Transmit Diversity", IEEE Global Telecommunications Conference (Globecom2002), Taipei, Taiwan, Vol. 1, pp.992-996, November 2002.
- 62. Robert Novak, Witold Krzymien, "An Adaptive Spread Spectrum OFDM Packet Data System with Two Dimensional Radio Resource Allocation: Performance in Low-mobility Environments", IEEE International Symposium of Wireless Personal Multimedia Communications 2002 (WPMC'02), Honolulu, Hawaii, pp. 163-167, October 2002.
- 63. Robert C. Elliott, Witold A. Krzymien, <u>"Scheduling Algorithms for the cdma2000 Packet Data Evolution"</u>, 2002 IEEE Semi-Annual Vehicular Technology Conference (VTC2002-Fall), Vancouver, BC, Vol. 1, pp. 304-310, October 2002.
- 64. G.G. Messier, W.A. Krzymien, "Improving Convolutional and Turbo Code Performance on the CDMA Forward Link", IEEE 7th International Symposium on Spread Spectrum Techniques and Applications, Prague, pp. 29-33, September 2-5, 2002.
- 65. R. Tanner, W. Krzymien, <u>"A Comparison of Fading Channel State Prediction Techniques"</u>, Wireless 2002 Proceedings, Calgary, Alberta, pp. 312-317, July 8-10, 2002.
- 66. G. Li, I.J. Fair, W.A. Krzymien, "Low Density Parity Check Codes for Space-Time Wireless Transmission", Wireless 2002, Calgary, AB, pp. 76-82, July 8-10, 2002.
- 67. Geoffrey G. Messier and Witold A. Krzymien, "Improving Convolutional Code Performance on the CDMA Forward Link", Virginia Tech/MPRG Symposium on Wireless Personal Communications, Blacksburg, VA, pp. 163-167, June 5-7, 2002.
- 68. Songsong Sun, Witold Krzymien, Qiang Shen, Bahman Darian, "Rapid Access Protocols for Discontinuous Transmission", Wireless Personal Communications An International Journal, Vol. 21, No. 2, pp. 201-218, May 2002.
- 69. C.H. Rentel, W.A. Krzymien, B. Darian, V. Vanghi, R. Elliott, "Comparable Forward Link Traffic Channel Performance Evaluation of HDR and 1XTREME Systems", IEEE Vehicular Technology Conference (Spring 2002), Birmingham, AL, USA, pp. 160-164, May 6-9, 2002.
- 70. Laura Choy Lai Fun (supervisors: Dr. Witold A. Krzymien and Dr. Ivan Fair), "Turbo Codes for Advanced Wireless Access Systems", M.Sc. Thesis, Department of Electrical and

- Computer Engineering, University of Alberta, January 31, 2002.
- 71. M. Yavuz, D. Paranchych, G. Wu, G. Li, W.A. Krzymien, "Performance Improvement of the HDR System Due to Hybrid ARQ", Semi-Annual Vehicular Technology Conference (VTC 2001-Fall), Atlantic City, NJ, pp 2192-2196, October 2001.
- 72. R. Novak, W. Krzymien, "A Downlink SS-OFDM-F/TA Packet Data System Employing Multi-user Diversity", Proceedings of the Third International Workshop on Multi-Carrier Spread-Spectrum (MCSS 2001), Oberpfaffenhofen, Germany, pp. 181-190, September 2001.
- 73. G.G. Messier, J.S. Nielson, W.A. Krzymien, "CDMA Forward Link Performance Evaluation Using Propagation Measurements", IEEE 2001 International Conference on Communications Proceedings, Helsinki, Finland, #CR1566, June 2001.
- 74. Geoff Messier, Witold Krzymien, John Nielsen, "Impact of Propagation Environment and Transmit Diversity on CDMA Forward Link Performance", Int'l Workshop on Wireless Communications & Networking: 3G and Beyond, Istanbul, Turkey, May 2001.
- 75. G.G. Messier, W.A. Krzymien, "An Indoor IS-2000 Transmit Diversity Evaluation using Propagation Measurements", IEEE VTS 53rd Vehicular Technology Conference, Spring 2001, Rhodes, Greece, #P764, May 2001.
- 76. Songsong Sun, Witold A. Krzymien, "Hybrid ARQ and Optimal Signal-to-Interference Ratio Assignment for High-Quality Data Transmission in DS-CDMA", European Transactions on Telecommunications, Vol. 12, No. 1, pp 16-29, January/February 2001.
- 77. Kay Wee Ang and Witold A. Krzymien, "Effects of Different Configurations of RAKE Receivers on the Performance of an Interference Cancellation Scheme in Frequency Selective Fading Channels", 7th IEEE International Conference on Communication Systems (ICCS'00), Singapore, November 2000.
- 78. Stefan Kaiser, Witold A. Krzymien, Khaled Fazel, "SS-MC-MA Systems with Pilot Symbol Aided Channel Estimation in the Asynchronous Uplink", European Transactions on Telecommunications 2nd Special Issue on Multi-Carrier Spread Spectrum, Vol. 11, No. 6, pp. 605-610, November-December, 2000.
- 79. Lauro F. Choy, Ivan J. Fair, Witold A. Krzymien, "Complexity-Performance Trade-offs in Turbo Codes for IMT-2000", IEEE Vehicular Technology Conference (VTC 2000-Fall), Boston, MA, 4.6.2.4, pp. 2568-2575, September 2000.
- 80. Momin Jamil, Witold Krzymien, Danie van Wyk, "Performance Analysis of Constant Envelope Quadriphase Sequences for CDMA", Proceedings of the IEEE 6th International Symposium on Spread Spectrum Techniques & Applications (ISSSTA 2000), pp. 212-215, September 6-8, 2000.
- 81. Laura Choy, Witold Krzymien, Ivan Fair, "Turbo Coding Options for IMT-2000", Wireless 2000, Calgary, AB, pp. 327-345, July 10-12, 2000.
- 82. Robert Novak, Witold A. Krzymien, <u>"A Cellular Multi-Service OFDM-CDMA System with Spatially-Dependent Rate Assignment"</u>, Wireless 2000, Calgary, AB, pp 448-459, July 10-12, 2000.
- 83. Songson Sun, Witold A. Krzymien, Bahman Darian, <u>"A New Efficient Contentionless Access Protocol for Packet Data Transmission in CDMA Systems"</u>, IEEE Vehicular Technology Conference 2000 (VTC 2000-Spring), Tokyo, Japan, 2.01.3 pp 36-40, May 2000.
- 84. Stefan Kaiser and Witold A. Krzymien, <u>"An Asynchronous Spread Spectrum Multi-Carrier Multiple Access System"</u>, Global Telecommunication Conference 1999 (GLOBECOM '99), Rio de Janeiro, Brazil, pp. 314-319, December 1999.
- 85. L. Tomba, W.A. Krzymien, "An Analysis of the Effect of Chip Timing Jitter in MC-CDMA Systems", IEEE Transactions on Vehicular Technology, vol.48, issue 6, pp 1889-1898, November 1999.
- 86. Kay Wee Ang and Witold A. Krzymien, "A Method of Limiting the Processing Delay of the Variable Group Hybrid Interference Cancellation Scheme for CMDA Systems", IEEE Vehicular Technology Conference (VTC'99-Fall), Amsterdam, The Netherlands, pp. 1648-1652, September 1999.
- 87. Stefan Kaiser, Witold A. Krzymien, "Performance Tradeoffs in Asynchronous Spread Spectrum Multi-Carrier Multiple Access", 1999 Second International Workshop on Multi-Carrier Spread-Spectrum (MC-SS'99),entitled...Multi-Carrier Spread Spectrum & Related Topics, Oberpfaffenhofen, Germany, September 1999.
- 88. Stefan Kaiser, Witold A. Krzymien, "Performance Tradeoffs in Asynchronous Spread

- <u>Spectrum Multi-Carrier Multiple Access</u>", Multi-Carrier Spread Spectrum & Related topics, September 1999.
- 89. L. Tomba, W.A. Krzymien, <u>"Sensitivity of the MC-CDMA Access Scheme to Carrier Phase Noise and Frequency Offset"</u>, IEEE Transactions on Vehicular Technology, Vol. 48, No. 5, pp. 1657-1665, September 1999.
- 90. R. Krenz, W.A. Krzymien, "Algorithms for Forward Link Power Allocation for Packet Data Transmission in Wideband CDMA", VTC'99, Amsterdam, pp 2101 - 2106, September 1999.
- 91. S. Kaiser, W.A. Krzymien, <u>"Asynchronous Spread Spectrum Multi-Carrier Multiple Access System with Pilot Aided Channel Estimation"</u>, VTC'99, Amsterdam, pp 2701 2706, September 1999.
- 92. Kay Wee Ang, Witold A. Krzymien, "An Improved Multi-Stage Variable Group Hybrid Multi-User Interference Cancellation Scheme for CMDA Systems", PIRMC'99, Osaka, Japan, September 1999.
- 93. Zixiong Wang, Bruce F. Cockburn, Duncan G. Elliott, Witold A. Krzymien, "DSP-RAM: A Logic-Enhanced Memory Architecture for Communication Signal Processing", Proceedings 1999 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing (PACRIM'99), Victoria, Canada, pp. 475-478, August 1999.
- 94. S. Kaiser, W.A. Krzymien, "Performance Effects of the Uplink Asynchronism in a Spread Spectrum Multi-Carrier Multiple Access System", European Transactions on Telecommunications (Special Issue on Multi-Carrier Spread Spectrum), Vol. 10, No. 4, pp. 399-406, July/August 1999.
- 95. Kay Wee Ang, Witold A. Krzymien, <u>"A Novel Variable Group Hybrid Interference Cancellation Scheme for CDMA Systems"</u>, ITC'99, Cheju, June 1999.
- 96. Rafal Krenz and Witold Krzymien , <u>"Forward Link Power Allocation in Multiservice DS-CDMA Wireless Systems"</u>, 3rd European Personal Mobile Communications Conference (EPMCC'99), Paris, France, pp. 381-386, March 1999.
- 97. Qiang Shen and Witold A. Krzymien, "Optimum Power Assignment for Maximum Throughput in CDMA Personal Communication Systems with Integrated Voice/Data Traffic", Wireless Personal Communications, Vol. 1, No. 3, pp. 277-289, December 1998.
- 98. S. Sun, W. Krzymien, R. Krenz, A. Jalali, "Reliable Hybrid ARQ Data Transmission with Optimal Signal-to-Interference Ratio Assignment in CDMA PCS", Proceedings of the 1998 IEEE International Conference on Universal Personal Communications (ICUPC'98), pp. 599-604, Florence, Italy, October 5-9, 1998.
- 99. S. Sun, W. Krzymien, A. Jalali, "Optimal Forward Link Power Allocation for Data Transmission in CDMA Systems", Proceedings of the 9th IEEE International Symposium on Personal, Indoor and Mobile Communications (PIMRC '98), pp. 848-852, Boston, USA, September 8-11, 1998.
- 100. L. Tomba, W. Krzymien, "Comparison of Encoding/Detection Techniques for the REverse Link of an MC-CDMA Multiple Access Scheme", Proceedings of the 5th IEEE Internation Symposium on Spread Spectrum Techniques & Applications (ISSSTA'98), pp. 195-199, Sun City, South Africa, September 2-4, 1998.
- 101. D. Liu, C.L. Despins, W.A. Krzymien, "Low-Complexity Performance Evaluation of Binary and Quaternary DS-SSMA Over Rician Fading Channels Via the Characteristic Function Method", Special Issue on CDMA for Universal Personal Communications Systems of the Wireless Personal Communications An International Journal, Vol. 7, No. 2/3, pp. 257-273, August 1998.
- 102. R. Krenz, W.A. Krzymien, A. Jalali, <u>"Forward Link Design Issues in Multiservice CDMA Wireless Systems"</u>, International conference on Wireless Communications (Wireless '98), Calgary, AB, Canada, pp.128-137, July 6-8, 1998.
- 103. R. Hang, W.A. Krzymien, C.L. Despins, "Performance of an Improved MAC Protocol for Reverse Link Short Packet Data Transmission in UMTS", Proceedings of the 1998 International Conference on Wireless Communications (Wireless '98), Calgary, Canada, pp. 379-397, July 6-8, 1998.
- 104. R. Hang, W.A. Krzymien, C.L. Despins, <u>"A MAC Protocol for Efficient Uplink Data Transmission of Short Packets in Wideband DS-CDMA"</u>, Proceedings of the 1998 ACTS Mobile Communication Summit, pp. 19-24, Rhodes, Greece, June 8-11, 1998.
- 105. L. Tomba, W.A. Krzymien, "A Model for the Analysis of Timing Jitter in OFDM Systems", Proceedings of the 1998 IEEE International Conference on Communications (ICC'98),

- Atlanta, USA, pp. 1227-1231, June 7-11, 1998.
- 106. S. Sun, W.A. Krzymien, "Call Admission Policies and Capacity Analysis of a Multi-Service CDMA Personal Communication System with Continuous and Discontinuous Transmission", Proceedings of the 1998 IEEE Vehicular Technology Conference (VTC'98), Ottawa, Canada, pp. 218-223, May 18-21, 1998.
- 107. L. Tomba, W.A. Krzymien, "On the Use of Chip-Level Differential Encoding for the Uplink of MC-CDMA Systems", Proceedings of the 1998 IEEE Vehicular Technology Conference (VTC'98), Ottawa, Canada, pp. 958-962, May 18-21, 1998.
- 108. S. Sun, W.A. Krzymien, "Call Admission Policies and Capacity Analysis of a Multi-Service CDMA Personal Communication System with Continuous and Discontinuous Transmission", 48th IEEE Vehicular Technology Conference, VTC '98, vol.1, pp 218-223, May 1998.
- 109. A.C.K. Soong, W.A. Krzymien, "Reference Symbol Assisted Multi-Stage Successive Interference Cancellation for CDMA Wireless Communications", Wireless Personal Communications, Vol. 7, No. 1, pp. 1-23, May 1998.
- 110. S. Sun, W.A. Krzymien, A. Jalali, Q. Shen, <u>"Performance Comparison of Two Medium Access Control Schemes for Packet Data Traffic in DS-CDMA Personal Communication Systems"</u>, IEEE Global Telecommunications Conference (Globecom '97/CTMC'97), pp. 185-189, Phoenix, AZ, USA, November 3-8, 1997.
- 111. A.C.K. Soong, W.A. Krzymien, "Effect of Antenna Diversity on Performance of Reference Symbol Assisted Interference Cancellation in CDMA Wireless Systems", 1997 IEEE 6th Internation Conference on Universal Personal Communications (ICUPC '97), San Diego, CA, USA, Volume 1, pp 202-207, October 12-16, 1997.
- 112. S. Sun, W.A. Krzymien, "Matched Filter Based Synchronizer Design for Rapid Synchronization of Packet Data Transmissions in DS-CDMA Personal Communications Systems", Proceedings of 1997 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, Victoria, BC, pp. 5-8, August 20-22, 1997.
- 113. William K.K. Kong, Witold A. Krzymien, "Performance of Adaptive Antenna Array Algorithms for the IS-95 Reverse Link", Proceedings of Wireless '97, Calgary, AB, Vol. 2, pp. 480-497, July 9-11, 1997.
- 114. Terry Renneburg, Witold A. Krzymien, <u>"A Wavelet Based Multi-Rate Modulation Scheme for Optimization of a Broadcast Meteor Scatter Communication Channel"</u>, Proceedings of Wireless '97, Calgary, AB, Vol. 1, pp. 188-205, July 9-11, 1997.
- 115. D. Lui, C.L. Despius, W.A. Krzymien, "Efficient & Accurate DS-SSMA Deterministic Signature Sequence Performance Evaluation over Wireless Fading Channels", Proceedings of IEEE 1997 International Conference on Communications (ICC '97), Montreal, Quebec, Vol. 1, pp. 339 343, June 8 12. 1997.
- 116. A. Soong, W.A. Krzymien, <u>"Performance of a Reference Symbol Assisted Multi-Stage Successive Interference Cancelling Receiver with Quadriphase Spreading"</u>, Proceedings of IEEE 47th Vehicular Technology Conference 1997 (VTC '97), Phoenix, AZ, Vol. 2, pp. 460-464, May 4-7, 1997.
- 117. F. Fekri, W. Krzymien, A. Sesay, <u>"Envelope Correlation of Wide-band Signals in Rayleigh Fading and its Implications for Frequency Diversity"</u>, IEEE VTC'97, Phoenix, AZ, USA, pp. 72-76, May 4-7, 1997.
- 118. Anthony C. K. Soong (supervisor: Dr. Witold A. Krzymien), "Reference Symbol Assisted Multistage Successive Interference Cancelling Receiver for Code Division Multiple Access Wireless Communication Systems", Ph.D. Thesis, University of Alberta, Department of Electrical and Computer Engineering, Spring 1997.
- 119. Luciano Tomba and Witold A. Krzymien, "An OFDM/SFH-CDMA Transmission Scheme for the Uplink", Proceedings of First International workshop on Multi-Carrier Spread-Spectrum, Oberpfaffenhofen, Germany, April 24 25, 1997.
- 120. L. Tomba, W. Krzymien, "Reverse Link Performance of a Coded OFDM/SFH-CDMA Transmission Scheme", Proceedings of First IEEE Workshop on Signal Processing Advances in Wireless Communications (SPAWC '97), Paris, France, pp. 241 244, April 16-18, 1997.
- 121. L. Tomba, W. Krzymien, "Reverse Link Performance of a Coded OFDM/SFH-CDMA Transmission Scheme", Proceedings of First IEEE Workshop on Signal Processing Advances in Wireless Communications, SPAWC'97, Paris, France, pp. 241-244, April 1997.

- 122. Q. Shen, W. Krzymien, "Power Assignment in CDMA Personal Communication Systems with Integrated Voice/Data Traffic", 1996 IEEE Global Telecommunications Conference (Globecom '96), Communications Theory Mini Conference Record, Queen Elizabeth II Conference Centre, Westminster, London, pp. 168-172, November 18-22, 1996.
- 123. A.C.K. Soong, W.A. Krzymien, "A Novel CDMA Multi-User Interference Cancellation Receiver with Reference Symbol Aided Estimation of Channel Parameters", IEEE Journal on Selected Areas in Communications, Vol. 14, No. 8, pp. 1536-1547, October 8, 1996.
- 124. L. Tomba, W.A. Krzymien, <u>"Performance Enhancement of Multicarrier CDMA Systems Impaired by Chip Timing Jitter"</u>, Proceedings of the IEEE Fourth International Symposium on Spread Spectrum Techniques & Applications (ISSSTA '96), vol. 1/3, pp. 136-140, Electoral Palace, Mainz, Germany, September 22-25, 1996.
- 125. L. Tomba, W.A. Krzymien, "<u>Downlink Detection Schemes for MC-CDMA Systems in Indoor Environments</u>", IEICE Transaction on Communications, Vol. E79-B, No. 9, pp. 1351-1360, September 1996.
- 126. Q. Shen, W.A. Krzymien, "The Effect of Fading on the Erlang Capacity of the IS-95 CDMA Cellular System", 1996 IEEE International Conference on Communications (ICC '96), Dallas, TX, Vol. 3, pp. 1829-1833, June 23 27, 1996.
- 127. L. Tomba, W.A. Krzymien, "Effect of Carrier Phase Noise and Frequency Offset on the Performance of Multicarrier CDMA Systems", 1996 IEEE International Conference on Communications (ICC '96), Dallas, TX, Vol. 3, pp. 1513-1517, June 23 27, 1996.
- 128. L. Tomba, W.A. Krzymien, "On the effect of chip synchronization error in MC-CDMA systems", 1996 Workshop on Multiaccess, Mobility and Teletraffic for Personal Communications (MMT '96), Paris, France, May 20-22, 1996, and published in Multiaccess, Mobility and Teletraffic for Personal Communications, B. Jabbari, P. Godlewski, X. Lagrange (Editors), Kluwer Academic Publishers, Boston, pp. 43-56, May 1996.
- 129. A.C.K. Soong, W.A. Krzymien, "Robustness of the Reference Symbol Assisted Multistage Successive Interference Cancelling Receiver with Imperfect Parameter Estimates", Proceedings of IEEE VTS 46th Vehicular Technology Conference, Atlanta, GA, Vol. 2, pp. 676-680, April 28-May 1, 1996.
- 130. Q. Shen, W.A. Krzymien, "Performance Improvement of Closed-Loop Power Control in CDMA Cellular Mobile Communication Systems", Proceedings of IEEE VTS 46th Vehicular Technology Conference, Atlanta, GA, Vol. 1, pp. 56-60, April 28-May 1, 1996.
- W.A. Krzymien, A. Jalali, P. Mermelstein, "Rapid Acquisition Algorithms for Synchronization of Bursty Transmission of CDMA Microcellular and Personal Wireless Systems", IEEE Journal on Selected Areas in Communications, Vol. 14, No. 3, pp. 570-579, April 1996.
- 132. A.C.K. Soong, W.A. Krzymien, "Performance of a Reference Symbol Assisted Multistage Successive Interference Cancelling Receiver in a Multi-Cell CDMA Wireless Systems", GLOBECOM '95, Conference Record Communication Theory Mini-Conference, Singapore, Vol. 1 of 1, pp. 152-156, November 1995.
- 133. A.C.K. Soong, W.A. Krzymien, "Performance Issues in Successive Interference Cancellation with Reference Symbol Assisted Channel Estimation", Proceedings of the Fourth 1995 IEEE International Conference on Universal Personal Communications (ICUPC '95), Meiji Kinenkan, Tokyo, Japan, pp. 158-162, November 1995.
- 134. B.S. Yeh, W.A. Krzymien, P.A. Goud, "<u>Diversity Combining and Decision Feedback Equalization for Indoor Wireless Systems Using Constant Envelope Modulation</u>", Proceedings of Wireless '95 Conference, Calgary, AB., Vol. I, D-2, pp. 209-217, July 13, 1995.
- 135. Greg J. Erker, David E. Dodds and Witold A Krzymien, "ISDN Loop Extension Using a Mid Span Amplifier", International Journal of Communication Systems (John Wiley & Sons), Vol. 8, No. 3, pp. 219-224, May / June 1995.
- 136. A.C.K. Soong, W.A. Krzymien, "CDMA Multi-User Interference Cancellation with Reference Symbol Aided Estimation of Channel Parameters", Proceedings of the IEEE Pacific Rim Conference, pp. 429-432, Victoria, BC, May 1995.
- 137. W.D. Grover, W.A. Krzymien, J.C. Chin, "Strategies for Management of Connection-Oriented Data Sessions Employing the Idle Times in Cellular Telephony", IEEE Transactions on Vehicular Technology, Vol. 44, No. 2, pp. 244-252, May 1995.
- 138. Greg J. Erker, David E. Dodds, W.A. Krzymien, "Digital Loop Extension Using Mid Span

- Amplification", 1995 IEEE International Symposium on Circuits & Systems (ISCAS '95), Seattle, WA, pp 1452-1455, April 1995.
- 139. M.Y. Cheung, W.D. Grover, W.A. Krzymien, "Combined Framing and Error Correction Coding for the DS3 Signal Format", IEEE Transactions on Communications, Vol. 43, Number 2/3/4/, Part III of Three Parts, pp. 1365-1374, February/March/April 1995.
- 140. G.J. Erker, D.E. Dodds, W.A. Krzymien, "ISDN Loop Extension Using a Mid Span Amplifier", International Journal of Communication Systems, Vol. 8, 219-224 (1995).
- 141. W. Zhuang, W.A. Krzymien, P.A. Goud, <u>"Trellis-Coded CPFSK and Soft-Decision Feedback Equalization for Micro-Cellular Wireless Applications"</u>, Wireless Personal Communications An International Journal, pp. 271-285, 1995.
- 142. W. Zhuang, W.A. Krzymien, P.A. Goud, "Adaptive Channel Precoding for Slowly Fading Channels", Proceedings of Wireless Computer Networks, Personal, Indoor, and Mobile Radio Communications, PIMRC '94, pp. 660-664, September 18-22, 1994.
- 143. W.A. Krzymien, A. Jalali, P. Mermelstein, <u>"An Improved Acquisition Algorithm for the Synchronization of CDMA Personal Wireless Systems"</u>, Proceedings of the 5th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC '94), The Netherlands, pp. 444-448, September 18-22, 1994.
- 144. W. Zhuang, W.A. Krzymien and P.A. Goud, "Adaptive Channel Precoding for Personal Communications", Electronics Letters, Vol. 30, No. 19, pp. 1570-1571, September 15, 1994.
- 145. W.A. Krzymien, A. Jalali, P. Mermelstein, <u>"A Rapid Initial Synchronization Algorithm for CDMA Microcellular Systems"</u>, Proceedings of Wireless '94 Conference, Calgary, AB., pp. 587-596, July 1994.
- 146. W. Zhuang, P.A. Goud, W.A. Krzymien, "Adaptive Soft Decision Feedback Equalization for Indoor Radio Communications Using Trellis-Coded CPFSK", Proceedings of the 44th IEEE Vehicular Technology Conference, pp. 1364-1368, Stockholm, Sweden, June 8-10, 1994.
- 147. R.G. Kusyk, W.A. Krzymien, T.E. Moore, <u>"Analysis of Techniques for the Reduction of Jitter Caused by SONET Pointer Adjustments"</u>, IEEE Transactions on Communications, Vol. 42, No. 2/3/4, pp. 2036-2050, February/March, 1994.
- 148. Zhao Huang (supervisor: Dr. Witold A. Krzymien), "GMSK Performance on Indoor Radio Channels", M.Sc. Thesis, University of Alberta, Department of Electrical Engineering, Fall 1993.
- 149. K.P. Benterud, W.A. Krzymien, W.D. Grover, "Quasi-orthogonal Subcarrier Multiplexing for High-capacity Optical Data Links", Canadian Journal of Electrical and Computer Engineering, Vol. 18, No. 4, pp. 159-169, October 1993.
- 150. W. Zhuang, W.A. Krzymien, P.A. Goud, <u>"Trellis-Coded CPFSK for Micro-Cellular Wireless Applications"</u>, Proceedings of Wireless '93 Conference, Calgary, AB, pp. 681-688, July 1993.
- 151. W.D. Grover, W.A. Krzymien, J.C. Chin, "Background Data Service for Cellular Mobile Radio", Proceedings of 43rd IEEE Vehicular Technology Conference, Secaucus, NJ, pp. 766-769, May 1993.
- 152. R. Sharma, W.D. Grover, W.A. Krzymien, <u>"Forward Error Control (FEC) Assisted Adaptive Equalization for Digital Cellular Mobile Radio"</u>, IEEE Trans. on Vehicular Technology, Vol. 42, No. 1, pp. 94-102, February 1993.
- 153. D.E. Dodds, G.J. Erker, W.A. Krzymien, "ISDN Loop Extension Using a Negative Impedance Amplifier", Proceedings of the Canadian Conference on Electrical and Computer Engineering (CCECE '92), Toronto, ON, paper WM10.8.1, Vol II, September 13-16, 1992.
- 154. Richard Tsz Shiu Tse (supervisor: Dr. Witold A. Krzymien), "Spread Spectrum Multiple Access with Orthogonal Convolutional Codes for Indoor Digital Radio", M.Sc. Thesis, University of Alberta, Department of Electrical Engineering, Fall 1992.
- 155. R. Tse, W. Krzymien, "Spread Spectrum Multiple Access with Orthogonal Convolutional Codes for Indoor Digital Radio", Proceedings of Canadian Conference on Electrical and Computer Engineering (CCECE '92), Toronto, Ontario, paper TM2.16.1, Vol. 1, September 13-16, 1992.
- 156. W. Krzymien, T.D. Bilodeau, <u>"Performance Evaluation Study of Signal Design and Equalization Options for High-Bit-Rate Digital Subscriber Line Transceivers"</u>, International Journal of Digital and Analog Communication Systems, Vol 5, pp. 15-28, 1992.
- 157. T.D. Bilodeau, W.A. Krzymien, "A Simulation Study of Trellis-Coded Transceivers For

- <u>High-Bit Rate Digital Subscriber Loops"</u>, IEE Proceedings-1, Vol. 138, No.6, pp. 503-510, December 1991.
- 158. T.E. Moore, W.A. Krzymien, <u>"A Simulation Study of DS-3 Waiting Time Jitter Accumulation in SONET"</u>, Proceedings of IEEE GLOBECOM '91, Phoenix, Arizona, Vol. III, pp. 1855-1859, December 1991.
- 159. Rohit Sharma (supervisors: Dr. Witold A. Krzymien and Dr. Wayne D. Grover), <u>"Forward-Error-Control Assisted Adaptive Equalization in Digital Mobile Radio"</u>, M.Sc. Thesis, University of Alberta, Department of Electrical Engineering, Fall 1991.
- 160. T.E. Moore, W.A. Krzymien, <u>"A Waiting Time Jitter Accumulation Model"</u>, Canadian Conference on Electrical and Computer Engineering, Quebec City, Quebec, Vol. II, 50.4.1, September 1991.
- 161. R. Sharma, W.D. Grover, W.A. Krzymien, <u>"FEC-Assisted Adaptive Equalization in Digital Mobile Radio"</u>, Canadian Conference on Electrical and Computer Engineering, Quebec City, Quebec, Vol. II, 58.3.1, September 1991.
- 162. W.D. Grover, W.A. Krzymien, A. Shen, <u>"Simulation and Experimental Studies on the Concept of a Rate-Adaptive Digital Subscriber Loop (RA-DSL)"</u>, IEEE J-SAC Special Issue on HDSL, Vol. 9, No. 6, pp. 941-950, August 1991.
- 163. M.Y. Cheung, W.D. Grover, W.A. Krzymien, "Combined Framing & FEC Coding for Multiplexed Signals", IEEE Pacific Rim Conference on Communications, Computers and Signal Processing '91, Victoria, BC, pp. 205-210, May 1991.
- 164. I.J. Fair, W.D. Grover, W.A. Krzymien, R.I. MacDonald, "Guided Scrambling: A New Line Coding Technique for High Bit Rate Fiber Optic Transmission Systems", IEEE Transactions on Communications, Vol. 39, No. 2, pp. 289-297, February 1991.
- 165. W.D. Grover, W.A. Krzymien, <u>"A Proposal to use the Justification Bits of a DS-3 Stream for Signalling"</u>, IEEE Transactions of Communications, Vol. 38, No. 10, pp. 1657-1658, October 1990.
- 166. T.E. Moore, R.G. Kusyk, W.A. Krzymien, "Waiting Time Jitter Results for a Reduced Complexity SONET Interface Circuit", Electronics Letters, Vol. 26, No. 22, pp. 1884-1886, October 1990.
- 167. D.E. Dodds, W.A. Krzymien, T.D. Bilodeau, <u>"Improved Hybrid Balance for U Interface ISDN Basic Access"</u>, Canadian Conference on Electrical and Computer Engineering, Ottawa, Vol. II, pp. 71.1.1-71.1.4, September 1990.
- 168. R.G. Kusyk, W.A. Krzymien, T.E. Moore, <u>"Reduction of DS-1 Jitter caused by SONET VT1.5 Pointer Adjustments"</u>, Canadian Conference on Electrical and Computer Engineering, Ottawa, Ontario, Vol. II, pp. 71.2.1-71.2.4, September 1990.
- 169. K.P. Benterud, W.D. Grover, W.A. Krzymien, "A Novel Application of Lightwave Subcarrier Multiplexing to an Ultra-High Bit Rate Short Distance Data Transfer Problem", Proceedings of the Queen's 15th Biennial Symposium on Communications, pp. 256-259, June 1990.
- 170. R.G. Kusyk, T.E. Moore, W.A. Krzymien, <u>"Spectral Analysis of Waiting Time Jitter in the Presence of Stuff Threshold Modulation"</u>, Electronics Letters, Vol. 26, No. 8, pp. 526-528, April 1990.
- 171. W.D. Grover, W.A. Krzymien, T. Fong, A. Shen, J.P. Dubuc, <u>"Turbo-Loop: A Rate-Adaptive Digital Subscriber Loop (RA-DSL) for Advanced ISDN Access Applications"</u>, Proceedings of GLOBECOM `89, Dallas, TX, pp. 1945-1951, November 1989.
- 172. J.J. Brown, W.A. Krzymien, "A Modified ISDN Network Layer Protocol Suitable for Implementation in Hardware", Information Systems & Operational Research, Vol. 27, No. 4, pp. 476-473, November 1989.
- 173. T.D. Bilodeau and W.A. Krzymien, <u>"A Simulation Study of Trellis-Coded Transceivers for Digital Subscriber Loop"</u>, Canadian Conference on Electrical and Computer Engineering, Montreal, Quebec, Vol. I. pp. 568-571, September 1989.
- 174. T.E. Moore, J.J. Brown, W.A. Krzymien, "Jitter Analysis for DS-3 to SONET Interface Circuit with Reduced Complexity", IEEE Pacific Rim Conference on Communications, Computers and Signal Processing '89, Victoria, BC, pp. 435-438, June 1989.
- 175. A. Shen, W.D. Grover, W.A. Krzymien, "Simulation and Experimental Studies of a Rate-Adaptive Digital Subscriber Loop (RA-DSL) Transmission Method", IEEE Pacific Rim Conference on Communications, Computers and Signal Processing '89, Victoria, BC, pp. 36-39, June 1989.
- 176. Witold A. Krzymien, "Transmission Performance Analysis of a New Class of Line Codes for Optical Fiber Systems", IEEE Transactions on Communications, Vol.37, No.4, pp 402-404,

- April 1989.
- 177. J.P. Dubuc, W.A. Krzymien, "Crosstalk Characteristics of a Subscriber Loop Modelling Facility for ISDN Studies", Proceedings of the Canadian Conference on Electrical and Computer Engineering, Vancouver, BC, pp. 502-505, November 1988.
- 178. W.D. Grover, W.A. Krzymien, "A Modified Zero-Forcing Control Strategy For Automatic Time-Domain Equalizers In Generalized Partial Response Digital Radio", Proceedings of Queen's Fourteenth Biennial Symposium on Communications, Kingston, Ontario, May 1988.
- 179. M.S. Borys, W.A. Krzymien, W.D. Grover, "<u>Digital Implementation of a Transmit Line Build-Out Circuit for the DSX-1 Interface</u>", Proceedings of IEEE WESCANEX '88 Conference, Saskatoon, SK, pp. 55-59, May 1988.
- 180. J.J. Brown, W.A. Krzymien, "A Subset Of The ISDN Network Layer Protocol Suitable For Implementation In Hardware", Proceedings of IEEE Infocom'88, pp. 1065-1071, March 1988.
- 181. W.A. Krzymien, "A New Class of Balanced Line Codes for Optical Fibre Transmission Systems", Proceedings of the IEEE Pacific Rim Conference on Communications, Computers and Signal Processing, Victoria, BC, pp. 444-446, June 1987.

FAIR USE NOTICE: This site contains copyrighted material made available under the usual allowance for making single copies of copyrighted work for scholarly research or education. If you wish to use copyrighted material from this site for purposes that go beyond this, you must obtain permission from the copyright owner. For further information please see Copyright. All works relied upon or used in derivative works should be cited with the full references as listed below.

• ©2005 Copyright TRLabs. All rights reserved